

14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

September 6, 2005

Division of Oil, Gas & Mining 1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, UT 84114-5801

Re:

Gasco Production Company Federal #14-17-9-19 619' FSL and 671' FWL

**SW SW Section 17, T9S - R19E** 

Uintah County, Utah Lease No. U-16544

#### Gentlemen:

Enclosed please find two copies of the Application for Permit to Drill, along with one copy of the Onshore Order No. 1 which was filed with the BLM in Vernal, Utah.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to Permitco Inc. at the address shown above.

Sincerely,

PERMITCO INC.

Venessa Langmacher

Consultant for

**Gasco Production Company** 

Jenessa Kangmaches

Enc.

CC:

Gasco Production Company - Englewood, CO

Shawn Elworthy - Roosevelt, UT

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SEP 0 8 2005

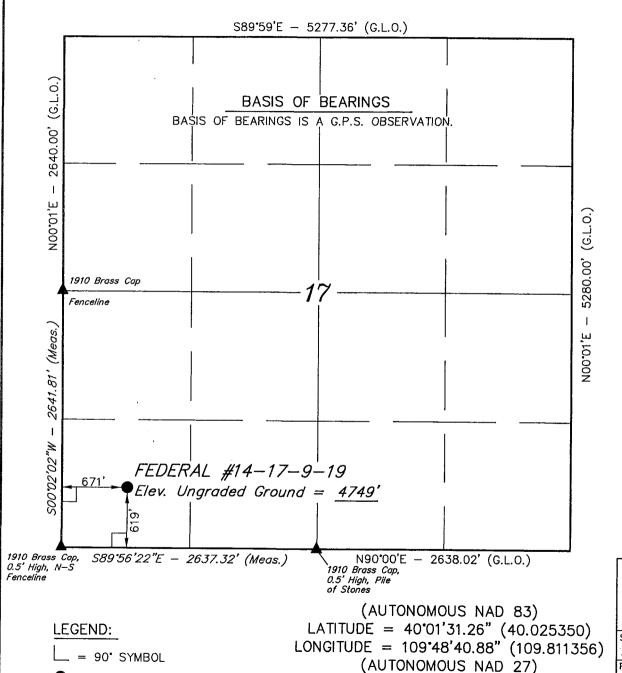


DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	AMENDED REPORT
	(highlight changes)

	APPLICATION FOR	5. MINERAL LEASE NO.:	6. SURFACE:				
	APPLICATION FOR	U-16544	BLM				
1A TYPE OF WORK: DRILL X REENTER □ DEEPEN □				7. IF INDIAN, ALLOTTEE OR	IRIBE NAME:		
	OU CON CAS CAS CAST	N/A 8. UNIT OF CA AGREEMENT N	IAME:				
B. TYPE OF WEL	L: OIL GAS X OTHER	SINC	GLE ZONE 📉 MULTIPLE ZONI	N/A			
2. NAME OF OPER	RATOR:			9. WELL NAME and NUMBER	:		
	duction Company			Federal #14-17-9-1			
3. ADDRESS OF C		1 00 00110	PHONE NUMBER:	10. FIELD AND POOL, OR WI			
	ss Drive East, Suite 100, Englewood	a, CO 80112	303-483-0044	/ Riverbend 11. QTR/QTR, SECTION, TOV	WHE BENEFI-		
	610' ESI o	nd 671' EW/	e01490X 40.02337	MERIDIAN: Sec. 17, T9S-R19E			
AT SURFACE:	PRODUCING ZONE: SW SW	NU O71 TWL	601490X 40.02537, 44310414 -109,8106	42   300. 17, 130 11132	•		
AT PROPOSED F	-RODUCING ZONE.		•				
14. DISTANCE IN	MILES AND DIRECTION FROM NEAREST TOWN OR	POST OFFICE:		12. COUNTY:	13. STATE:		
Approxi	mately 25.5 miles Southeast of Myt			Uintah	Utah		
15, DISTANCE TO	NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBE	ER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED			
18 DISTANCE TO	6191 NEAREST WELL (DRILLING, COMPLETED, OR	19 PROPO	680 DSED DEPTH:	40 Acres; SV	V SW		
	) ON THIS LEASE (FEET):						
24 ELEVATIONS	Approx. 3050' (SHOW WHETHER DF, RT, GR, ETC.):	22 APPRO	13,161'  EXIMATE DATE WORK WILL START:	Bond #UT-1	1233		
Z1. ELEVATIONS	4749' GL	ZZ. AFFING	ASAP	35 Days	<b>.</b>		
			<del></del>				
24.	PROP	OSED CASIN	IG AND CEMENTING PRO	GRAM			
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH					
17-1/2"	13-3/8", H40, 48#	225'		ium Type 5, 15.6 ppg, 1.18	ype 5, 15.6 ppg, 1.16 yield I & 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield		
12-1/4" 7-7/8"	8-5/8", J-55, 32# 4-1/2", P110, 13.5#	3,489 <sup>1</sup> 13,161 <sup>1</sup>		5 yield & 1784 sx 50-50 Poz,			
7-110	4-1/2 , F110, 13.3#	13,101	300 SX HI-LIII, 11.3 ppg, 3.0	5 yield & 1754 5x 50-50 FOZ,	14.1 ppg, 1.20 yield		
····			CONGIDI	MITIAL TIOUT LIA			
			COMPIUL	NTIAL-TIGHT HO			
0.5		Δ	ATTACHMENTS				
25.	LOWING ARE ATTACHED IN ACCORDANCE WITH T			<u> </u>			
VEKIFT I HE FOI	LOWING ARE AT TACHED IN ACCORDANCE WITH T	HE OTAH OIL AND	I	, .			
✓ WELL PL	AT OR MAP PREPARED BY LICENSED SURVEYOR (	OR ENGINEER	COMPLETE DRILLING P				
✓ EVIDENCE	E OF DIVISION OF WATER RIGHTS APPROVAL FOR	R USE OF WATER	FORM 5, IF OPERATOR	IS PERSON OR COMPANY OTHER THA	N THE LEASE OWNER		
ACENT: D	ermitCo Inc.	<u> </u>		AGENT'S PHONE NO.	303-857-999		
AGENI: FO	Permit Venessa Langmacher		Δna	ent for Gasco Production (			
NAME (PLEASE	PRINT) Vellessa Laligiliacilei				ompany		
SIGNATURE	Jeneusa Spungmaches		DATE Sep	tember 6, 2005			
(This space for Sta	ite use only)						
	1/2 4/2 2244						
API NUMBER ASS			APPROVAL:				
1 4	Approved by the			RECE	IVED		
(11/2001)	Utah Division of Oil, Gas and Mining \		(Sad Martions on Powers Side)				
		OASLA MAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	SEP 0	ช 2005			
Date	5 M 1 1 1 1 1	Pederal Is No	(Sed iddidations on Reverse Side)	DIV. OF OIL, GA	10 0 144444		
$\mathbf{B}_{\gamma}$	Massey III XX	Meridia	•	Sit. Of Oil, G	10 & MINING		

## T9S, R19E, S.L.B.&M.



LATITUDE =  $40^{\circ}01'31.39"$  (40.025386)

LONGITUDE =  $109^{\circ}48'38.37"$  (109.810658)

PROPOSED WELL HEAD.

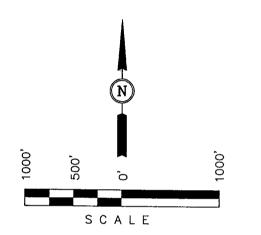
= SECTION CORNERS LOCATED.

### GASCO PRODUCTION COMPANY

Well location, FEDERAL #14-17-9-19, located as shown in the SW 1/4 SW 1/4 of Section 17, T9S, R19E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 21, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4711 FEET.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTERATION NO. 161319

### Uintah Engineering & Land Surveying 85 South 200 East - Vernal, Utah 84078

| Company | Comp

### **CONFIDENTIAL - TIGHT HOLE**

ONSHORE OIL & GAS ORDER NO. 1

**Approval of Operations on Onshore** Federal and Indian Oil & Gas Leases

FEDERAL #14-17-9-19 619' FSL and 671' FWL SW SW Section 17, T9S - R19E Uintah County, Utah

**Prepared For:** 

**Gasco Production Company** 

By:

CONFIDENTIAL:TIGHT HOLE PERMITCO INC. 14421 County Road 10 Ft. Lupton, Colorado 80621 303/857-9999

### **Copies Sent To:**

- 3 Bureau of Land Management Vernal, UT
- Utah Division of Oil, Gas & Mining SLC, UT
  - 2 Gasco Production Company Englewood, CO
  - 1 Shawn Elworthy Roosevelt, UT



# APPLICATION FOR PERMIT TO DRIMOR REENTER

### 24. Attachments

The	following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:
1.	Well plat certified by a registered surveyor.  Attached.
2.	A Drilling Plan Attached.
3.	A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office.  See Surface Use Plan Attached.
4.	Bond to cover the operations unless covered by an existing bond on file (see Item 20).  Bond coverage for this well is provided by Gasco Production Company under their BLM Bond No. Bond #UT-1233.
5.	Operator certification.  Please be advised that Gasco Production Company is considered to be the operator of the above mentioned well.  Gasco Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.
6.	Such other site specific information and/or plans as may be required by the authorized officer.



Lease No. U-16544

DRILLING PROGRAM

Page 1

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

### 1. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS</u>

Formation	Depth	Subsea
Wasatch	5,621'	-862'
Mesaverde	9,451'	-4,692'
Castlegate	11,941'	-7,182'
Blackhawk	12,111'	-7,352'
Spring Canyon	12,861'	-8,102'
T.D.	13,161'	-8,402'

### 2. ESTIMATED DEPTH OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Substance	Formation	Depth
Gas	Wasatch	5,700'-9,451'
Gas	Mesaverde	9,451'-11,941'
Gas	Blackhawk	12,111'-13,000'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.





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**DRILLING PROGRAM** 

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### 3. PRESSURE CONTROL EQUIPMENT

Gasco Production Company's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double with annular, 5000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.





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DRILLING PROGRAM

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BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

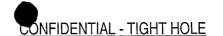
The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is <u>not</u> to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit <u>all</u> tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

### 4. **PROPOSED CASING AND CEMENTING PROGRAM:**

a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.





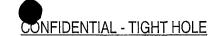
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**DRILLING PROGRAM** 

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- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- I. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the





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**DRILLING PROGRAM** 

Page 5

shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

m. The proposed casing program will be as follows:

Purpose	Depth	Hole Size	O.D.	Weight	Grade	Туре	New/Used
Conductor	0-225'	17-1/2"	13-3/8"	48#	H-40		New
Surface	0-3,489'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0-13,161'	7-7/8"	4-1/2"	13.5#	P-110	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.
- The cement program will be as follows: 0.

Conductor	Type and Amount	
TOC @ Surface	225 sx Premium Type 5 mixed @ 15.6 ppg, 1.18 yield	
Surface	Type and Amount	
TOC @ Surface	Lead: 582 sx Hi-Lift @ 11 ppg, 3.91 yield Tail: 185 sx 10-2 RFC @ 14.2 ppg, 1.63 yield	
Production	Type and Amount	
TOC @ 2,500'	Lead: 366 sx Hi-Lite @ 11.5 ppg, 3.05 yield Tail: 1784 sx 50:50 Poz @ 14.1 ppg, 1.28 yield	

- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- After cementing but before commencing any test, the casing string shall stand cemented until q. the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.





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DRILLING PROGRAM

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- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
  - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
    - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
    - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
  - 1. Kelly cock
  - 2. No bit float is deemed necessary.
  - 3. A sub with a full opening valve.

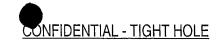
### 5. MUD PROGRAM

a. The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Mud Wt.	Visc.	F/L	PH
0' - 225'	Fresh Water	8.33	1		7
225' - 3,489'	Fresh Water	8.33	1		7-8
3,489' - 13,161'	Fresh Water/DAP	9.0-11.5	30-40	12-20	8

There will be sufficient mud on location to control a blowout should one occur.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable density, viscosity, gel strength, static filtration loss, and Ph.



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**DRILLING PROGRAM** 

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- b. Mud monitoring equipment to be used is as follows:
  - 1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

### 6. **EVALUATION PROGRAM**

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.





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DRILLING PROGRAM

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All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a Schlumberger Platform Express (or equivalent) to be run from base of surface casing to TD.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases0 will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows: Perform multistage fracs and complete all productive Mesaverde and Wasatch sands present in wellbore. Produce all zones commingled.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

### 7. ABNORMAL TEMPERATURES OR PRESSURES

- a. The expected bottom hole pressure is 7935 psi. The maximum bottom hole temperature anticipated is 237 degrees F.
- b. No hydrogen sulfide gas is anticipated. Abnormal pressures will be controlled with mud weight and 5000# BOP and rotating head.

### 8. <u>ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS</u>

a. Drilling is planned to commence on upon approval of this application.





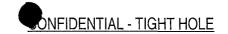
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**DRILLING PROGRAM** 

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- b. It is anticipated that the drilling of this well will take approximately 35 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. <u>Immediate Report:</u> Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.





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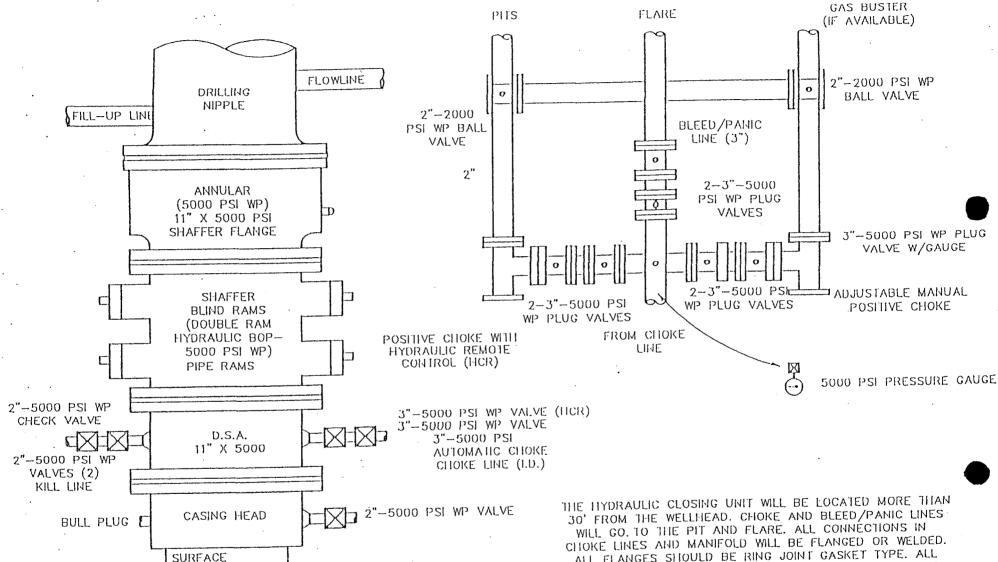
**DRILLING PROGRAM** 

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- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

	Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400	Fax: 435/781-4410 After Hours:		
Matt Baker	Petroleum Engineer	435/828-4470	
Michael Lee	Petroleum Engineer	435/828-7875	

CASING



CHOKE LINES AND MANIFOLD WILL BE FLANGED OR WELDED. ALL FLANGES SHOULD BE RING JOINT GASKET TYPE. ALL TURNS IN LINES SHALL BE CONSTRUCTED USING TARGETING 90 TEES OR ELLS. ALL LINES SHALL BE ANCHORED.



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SURFACE USE PLAN

Page 1

### ONSHORE OIL & GAS ORDER NO. 1 **NOTIFICATION REQUIREMENTS**

Location Construction -

forty-eight (48) hours prior to construction of location and access roads.

Location Completion -

prior to moving on the drilling rig.

Spud Notice

at least twenty-four (24) hours prior to spudding the well.

Casing String and

Cementing

twenty-four (24) hours prior to running casing and

cementing all casing strings.

BOP and Related

**Equipment Tests** 

twenty-four (24) hours prior to initiating pressure tests.

First Production -

Notice

within five (5) business days after new well begins or

production resumes after well has been off production for more than

ninety (90) days.

The onsite inspection for the subject well site was conducted on Thursday, August 18, 2005 at approximately 10:40 a.m. Weather conditions were warm, clear and sunny. In attendance at the onsite inspection were the following individuals:

Karl Wright **Amy Torres** 

Natural Resource Specialist Bureau of Land Management Bureau of Land Management

Lisa Smith

Wildlife Biologist Permitting Agent

Permitco Inc.

Venessa Langmacher

Permitting Agent

Permitco Inc.

Shawn Elworthy

Production Superintendent

Gasco Production Company

John Floyd

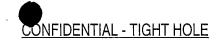
Surveyor

Uintah Engineering and Land Surveying

#### 1. **EXISTING ROADS**

a. The proposed well site is located approximately 25.45 miles southeast of Myton, Utah.





Lease No. U-16544

**SURFACE USE PLAN** 

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b. Directions to the location from Myton, Utah are as follows:

Proceed southwesterly on Highway 40 for 1.5 miles. Turn left and proceed southeasterly for approximately 11 miles to the Castle Peak Mine. Turn left and proceed east for approximately 6.7 miles on the 8 mile flat road. Stay left and proceed easterly 5.5 miles. Turn right at the fork in the road and proceed southwesterly 0.4 miles. Continue southwesterly on an existing 2-track for 0.15 miles. Turn right onto the proposed access and proceed 0.2 miles until reaching the proposed location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to existing main roads will not be required.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

### 2. PLANNED ACCESS ROADS

- a. Approximately 0.2 miles of new construction will be necessary. There will be approximately 0.15 miles of existing 2-track to be upgraded.
- b. The maximum grade of the new construction will be approximately 1%.
- c. A diversion ditch will be installed along the south and east sides of the pad. See location layout.
- d. No culverts will be necessary.
- e. The last 0.2 miles of new access road was centerline flagged at the time of staking.
- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- g. No cattle guards will be necessary.





Lease No. U-16544

**SURFACE USE PLAN** 

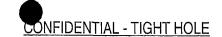
Page 3

- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- I. All access roads outside the Lease Boundary are Class D, County Maintained roads. No road right of way will be necessary.

# 3. <u>LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.</u> (See Map "C")

- a. Water wells none
- b. Injection wells none
- c. Producing wells one
- d. Drilling wells none
- e. Shut-in wells two





Lease No. U-16544

SURFACE USE PLAN

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- f. Temporarily abandoned wells none
- g. Disposal wells -none
- h. Abandoned wells six
- i. Dry Holes none

### 4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Carlsbad Canyon. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. If the well is productive, a production facility layout will be submitted via sundry.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the separator. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.





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SURFACE USE PLAN

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- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- I. The road will be maintained in a safe useable condition.
- m. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.
- n. We are requesting that this APD be used as our request for pipe line ROW. Pipelines will follow the route shown on Map D. See Pipeline detail attached.

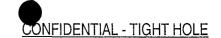
### 5. LOCATION AND TYPE OF WATER SUPPLY

- a. The proposed water source will be the Nebecker Water Service at the Nebecker Water Station in Myton, permit #43-1721.
- b. Water will be hauled by Nebecker Water Service to the location over the access roads shown on Maps A and B.
- c. No water well will be drilled on this lease.

### 6. SOURCE OF CONSTRUCTION MATERIAL

a. Surface and subsoil materials in the immediate area will be utilized.





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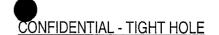
**SURFACE USE PLAN** 

Page 6

- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

### 7. <u>METHODS OF HANDLING WASTE DISPOSAL</u>

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.



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**SURFACE USE PLAN** 

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### 8. ANCILLARY FACILITIES

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

### 9. WELL SITE LAYOUT

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the northwest side of the location.
- c. The flare pit will be located on the east side of the reserve pit, a minimum of 100 feet from the well head and 20 feet from the reserve pit fence.
- d. The stockpiled topsoil (first six inches) will be stored on the south side of the location, between Corners 2 and 8 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.
- e. Access to the well pad will be from the east as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
  - 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  - 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
  - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.



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**SURFACE USE PLAN** 

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- 4. Standard steel, wood, or pipe posts shall be used between the corner braces.

  Maximum distance between any two posts shall be no greater than 16 feet.
- 5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

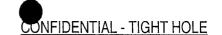
### 10. PLANS FOR RESTORATION OF SURFACE

### Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. A seed mixture will be specified by the Bureau of Land Management in their Conditions of Approval for the subject well.

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.





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### SURFACE USE PLAN

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- f. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix. The seed will be walked in with a cat.
- g. The following seed mixture has been recommended by the BLM.

Species	#/s per Acre
Shadscale	3
Gardner	3
Crested Wheatgrass	3
Indian Ricegrass	3
TOTAL	12

### Dry Hole

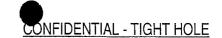
h. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

### Interim Surface Reclamation will be as follows:

- 1. Immediately after final well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production operations.
- 2. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in the reserve pit will be removed. Other waste and spoil materials will be disposed of immediately, weather permitting, upon final well completion.
- If a synthetic, nylon re-enforced, liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit.

  Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep.
- 4. The reserve pit will be reclaimed within 180 days from the date of final well completion, weather permitting.





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**SURFACE USE PLAN** 

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5. The reserve pit and that portion of the location not needed for production and storage facilities, and everyday production operations, will be reshaped to the approximate original contours to the extent possible. This will be completed by backfilling and crowning the pit to prevent water from standing. Topsoil will be re-spread up to the rig anchor points, excluding the area needed for production and storage facilities and everyday production operations. Re-seeding, using appropriate reclamation methods, will occur immediately following the re-spreading of topsoil, weather permitting. The Authorized Officer will provide a seed mixture to re-vegetate the reserve pit and other unused disturbed areas at the time of the onsite.

### 11. SURFACE OWNERSHIP

Access Roads - The majority of the access roads are maintained by the County Road Department or the Bureau of Land Management.

Well pad - The well pad is located on lands managed by the BLM.

### 12. OTHER INFORMATION

- a. A Class III archeological survey and paleontological survey has been conducted by SWCA. No significant cultural resources were found and clearance is recommended. A copy of these reports are on file with the BLM.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
  - -whether the materials appear eligible for the National Register of Historic Places;
  - -the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and





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### **SURFACE USE PLAN**

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-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- f. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- g. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- h. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.





Lease No. U-16544

SURFACE USE PLAN

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- i. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- j. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.
- k. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

### 13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

Permit Matters

**Drilling & Completion Matters** 

PERMITCO INC.

14421 County Road 10 Ft. Lupton, CO 80621 303/857-9999 (O) 303/857-0577 (F) Lisa Smith **Gasco Production Company** 

8 Inverness Drive East, Suite 100 Englewood, CO 80112 John Longwell 303/483-0044 (O) 303/ 483-0011(F)

Shawn Elworthy - Field Superintendent Roosevelt, UT 435-823-4272 (cell)

### **CERTIFICATION**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Gasco Production Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

September 6, 2005

Date:

Venessa Langmacher - PERMITCO INC.
Authorized Agent for:

Gasco Production Company



# PIPELINE INFORMATION Federal #14-17-9-19

- 1. The type of pipeline is a single well flow line.
- 2. The outside diameter (O.D.) of all will be 8 inches maximum.
- 3. The anticipated production through the line is approximately 2000 MCF per day.
- The anticipated maximum test pressure is 1000 psi.
- 5. The anticipated operating pressure is 100-200 psi.
- 6. The type of pipe is steel.
- 7. The method of coupling is welded.
- 8. The pipeline will be buried 2-5 feet deep.
- 9. The method of entrenchment will be with a trenching machine.
- 10. The depth of cover will be 2-5 feet.
- 11. There are no other pipelines to be associated in same right of way.
- 12. There will be other objects to be associated in the same right of way. (Risers, Pig Launchers Pig Traps, meters and other appurtenances as required.)
- 13. The total length of pipeline is approximately 3580' feet see Map D. 2040 feet is located within the lease boundary, 1540' is located off-lease.
- 14. The line will be buried as shown on Map D. Where possible, the pipeline will follow existing or proposed roads.
- 15. The construction width for total surface disturbing activities is 30 feet.
- 16. The estimated total acreage involving all surface disturbing activities is 2.5 acres. (1.44 acres on lease and 1.06 acres off lease).
- 17. ROW is requested for a period of 30 years or the entire life of the producing well.
- 18. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management.
- 19. The line will be tested with gas pressure to 1000 psi.
- 20. The pipeline right of way requested will begin in the NE NW and continue down to the SW NW of Section 20, T9S R19E, a distance of 1540'. Please see Map D for exact alignment.

# **GASCO PRODUCTION COMPANY**

FEDERAL #14-17-9-19

LOCATED IN UINTAH COUNTY, UTAH SECTION 17, T9S, R19E, S.L.B.&M.

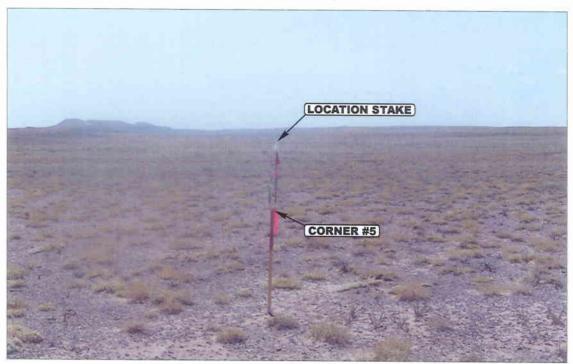


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: SOUTHEASTERLY** 



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: SOUTHWESTERLY** 



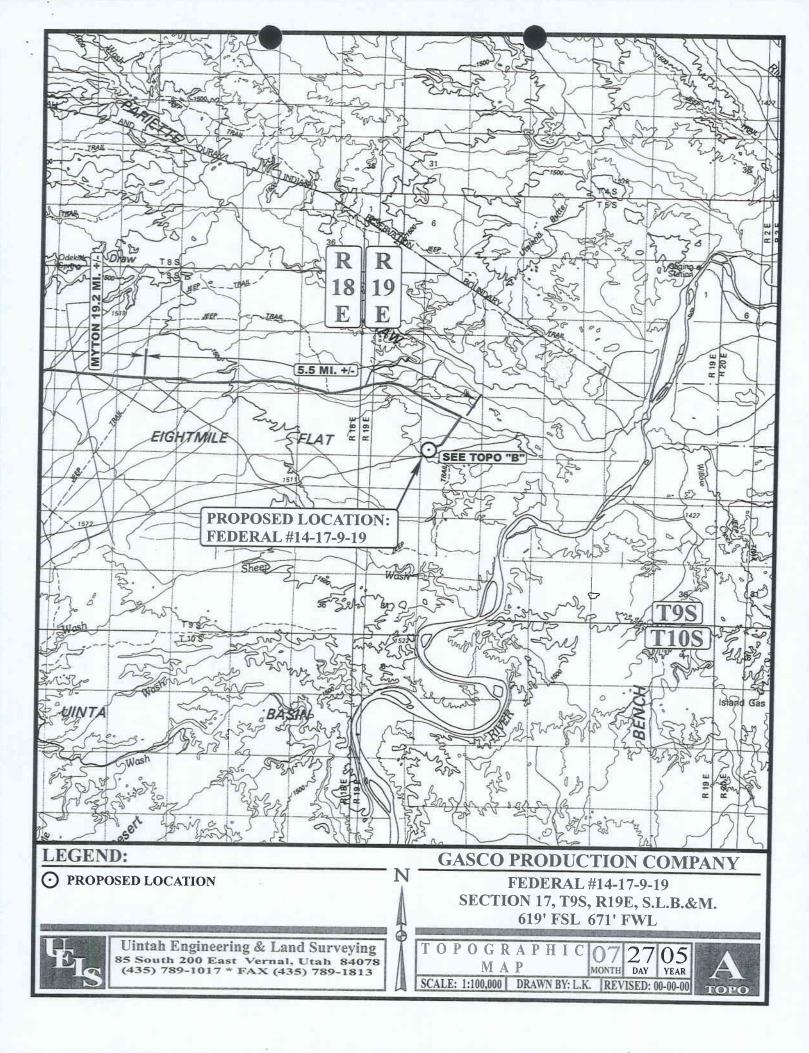
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

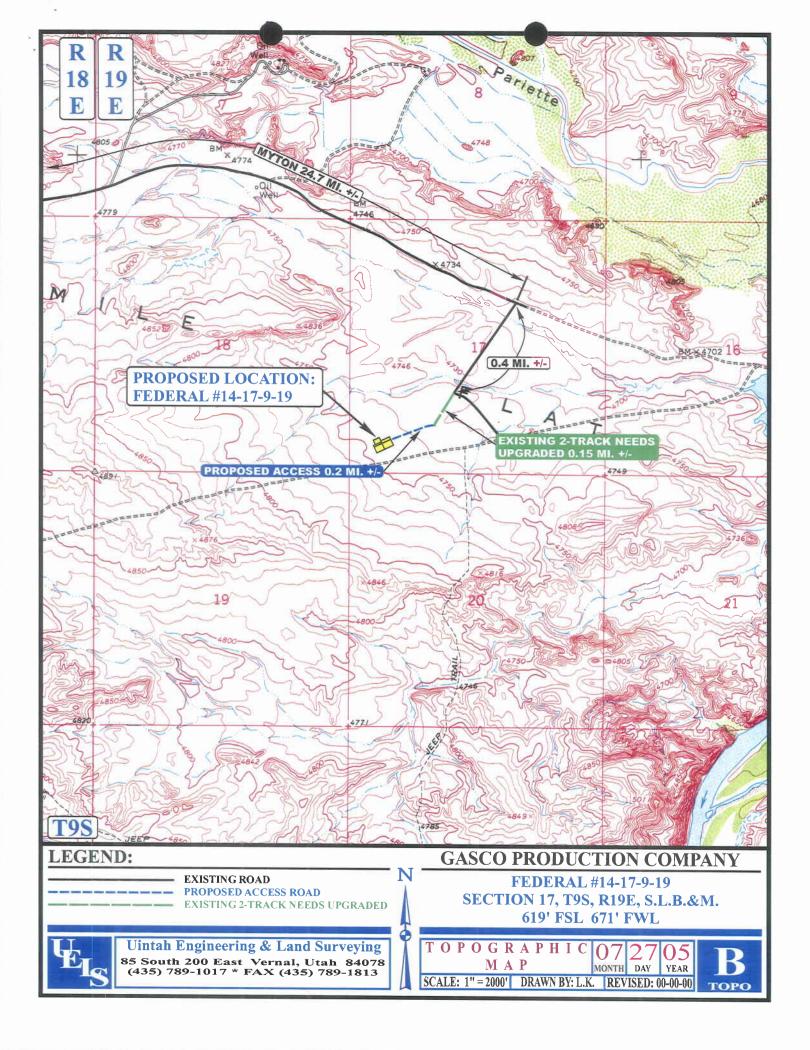
LOCATION PHOTOS

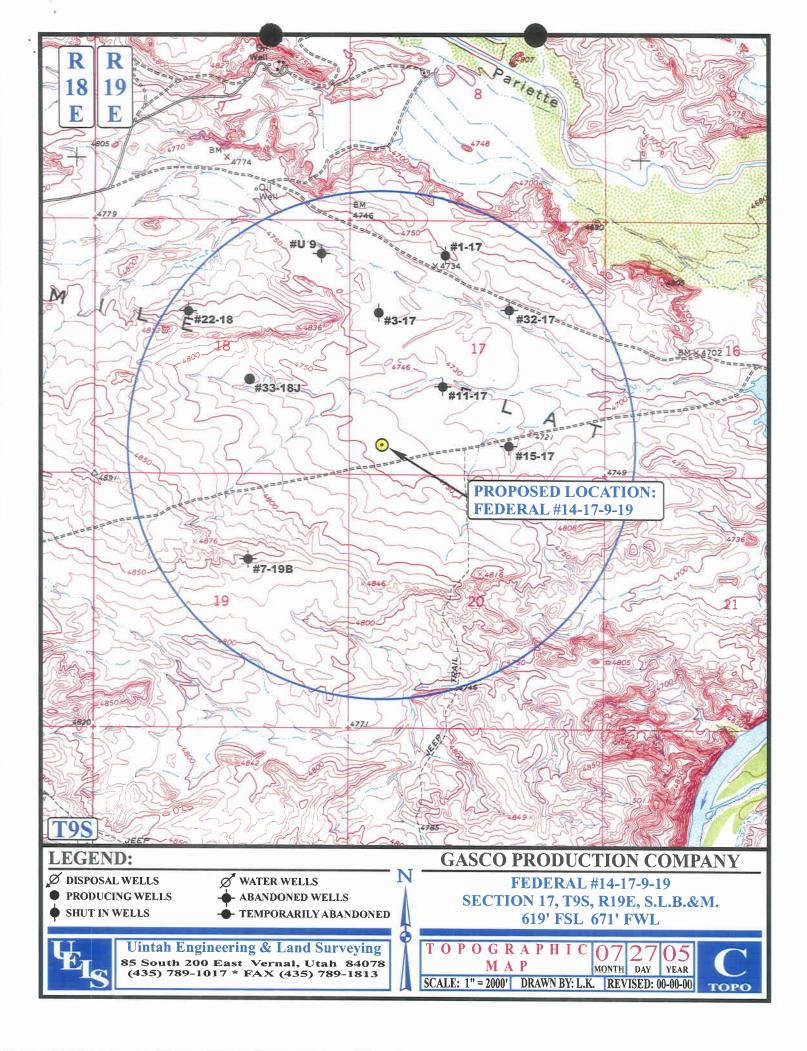
07 27 05 MONTH DAY YEAR

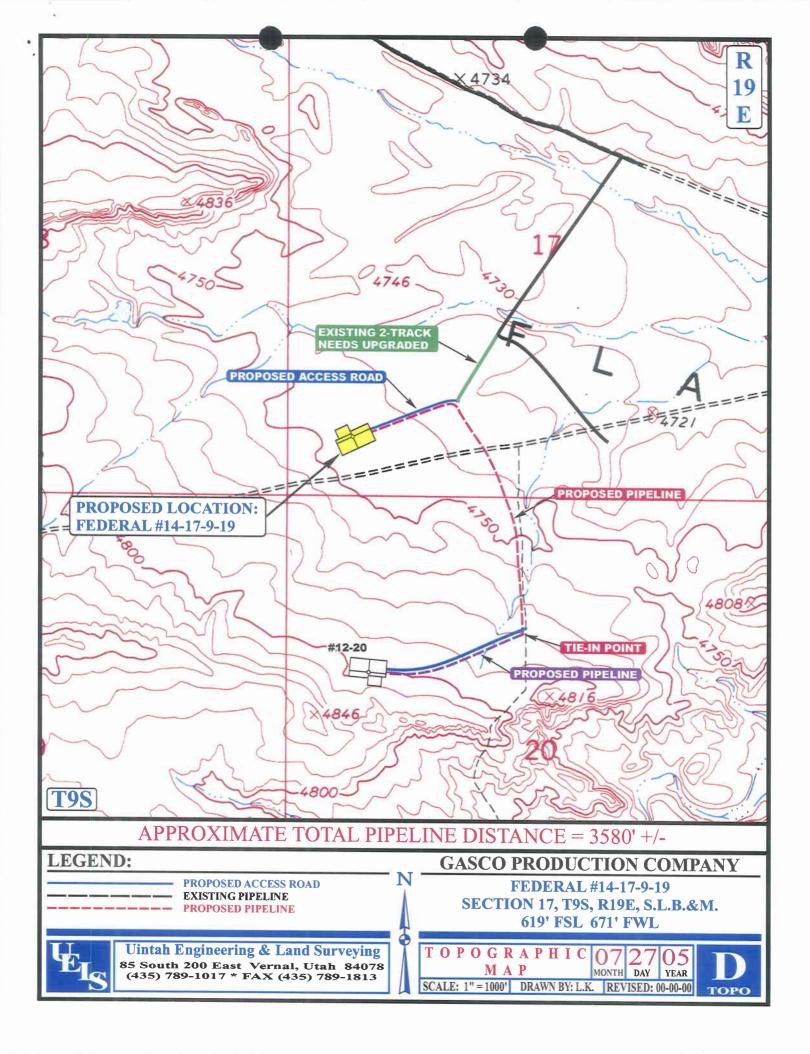
РНОТО

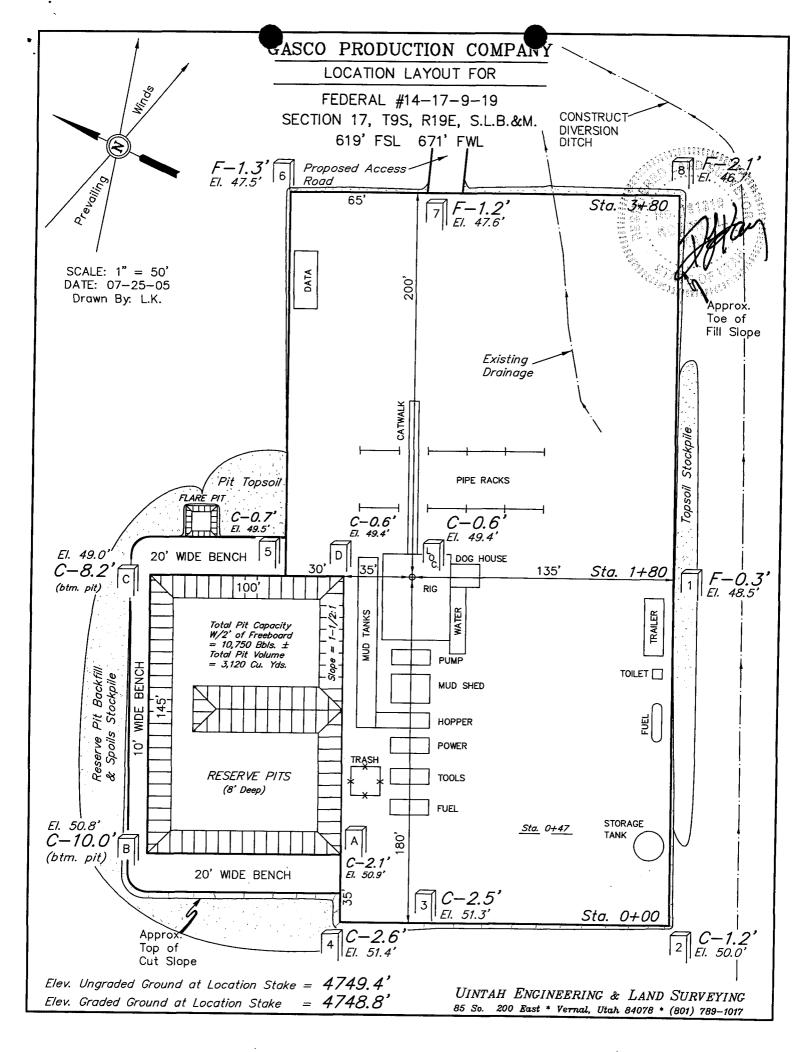
TAKEN BY: J.W. | DRAWN BY: L.K. | REVISED: 00-00-00

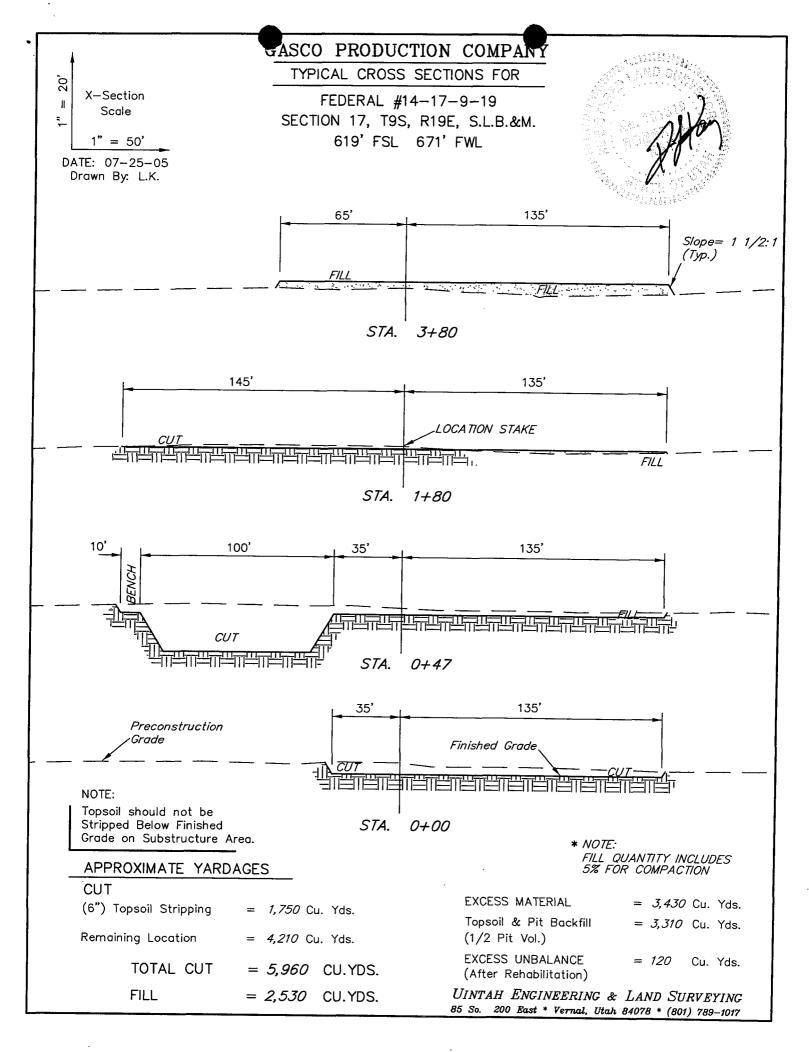












### FEDERAL STIPULATIONS AND TIMING RESTRICTIONS

There are no federal stipulations at this time.



### <u>Archeology</u>

A Class III Archeological Survey has been conducted by SWCA. No significant cultural resources found and clearance has been recommended. A copy of these reports are on file with the BLM





Bureau of Land Management Vernal Field Office 170 S. 500 E. Vernal, UT 84078

Attn: Minerals

Re: All Wells

Uintah County, Utah

Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of (Company Name) when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the above mentioned well.

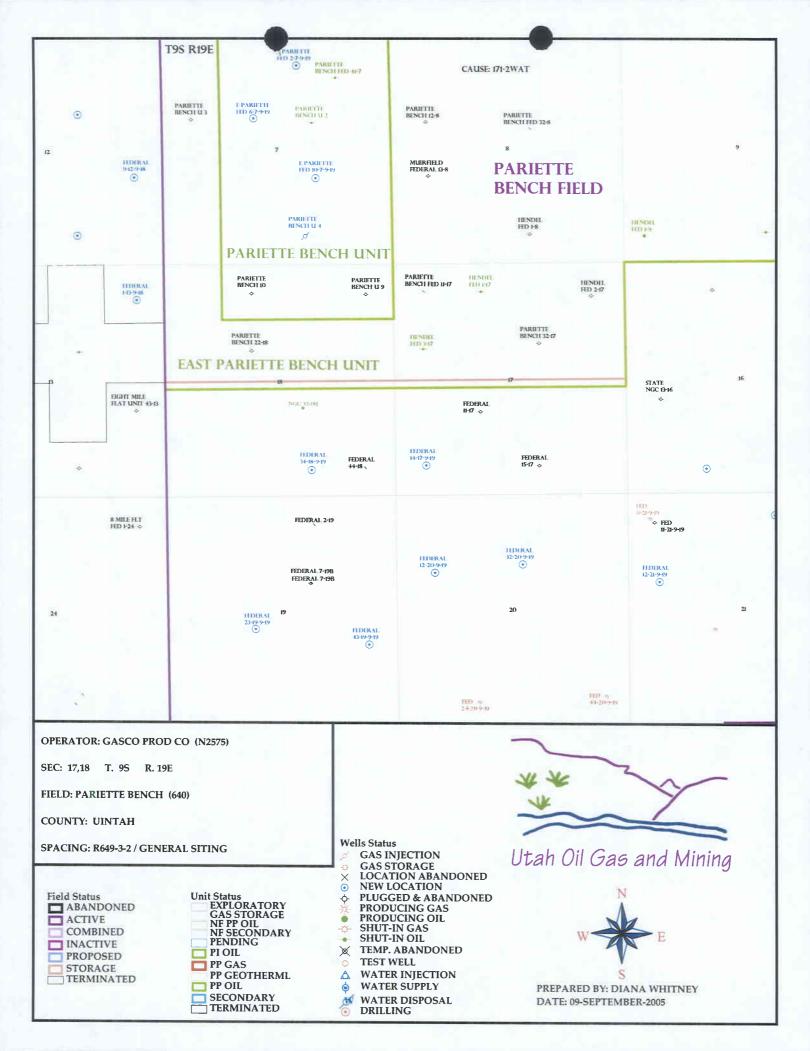
It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

Sincerely,

John D. Longwell Operations Manager

APD RECEIVED: 09/08/2005	API NO. ASSIGNED: 43-047-37116
WELL NAME: FEDERAL 14-17-9-19  OPERATOR: GASCO PRODUCTION ( N2575 )  CONTACT: VENESSA LANGMACHER  PROPOSED LOCATION:  SWSW 17 090S 190E  SURFACE: 0619 FSL 0671 FWL  BOTTOM: 0619 FSL 0671 FWL  UINTAH  PARIETTE BENCH ( 640 )  LEASE TYPE: 1 - Federal	PHONE NUMBER: 303-857-9999  INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface
LEASE NUMBER: U-16544  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: BLKHK  COALBED METHANE WELL? NO	LATITUDE: 40.02537  LONGITUDE: -109.8106
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. UT-1233 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-1721 )  RDCC Review (Y/N)  (Date: )  NA Fee Surf Agreement (Y/N)  IUN Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit  R649-3-2. General
STIPULATIONS: 1- Edero Opprove 29 Spacing Stop	





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

September 12, 2005

Gasco Production Company 8 Inverness Drive East, Suite 100 Englewood, CO 80112

Re: Federal 14-17-9-19 Well, 619' FSL, 671' FWL, SW SW, Sec. 17, T. 9 South, R. 19 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37116.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Gasco Production Company			
Well Name & Number	Federal 14-17-9-19			
API Number:	43-047-37116			
Lease:	U-16544			
Location: <u>SW SW</u>	Sec. 17	T. <u>9 South</u>	<b>R.</b> <u>19 East</u>	

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

#### STATE OF UTAH

## DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	×	
	,	
	_	

6. Lease Designation and Serial Number U-16544 7. Indian Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELLS N/A Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. 8. Unit or Communitization Agreement Use APPLICATION FOR PERMIT - for such proposals Type of Well 9. Well Name and Number Oil Gas Other (specify) Well Federal #14-17-9-19 Name of Operator 10. API Well Number Gasco Production Company 43-047-37116 Address of Operator Telephone Number 11. Field and Pool, or Wildcat 8 Inverness Drive East, Suite 100, Englewood, CO 80112 303/483-0044 Riverbend Location of Well Footage 619' FSL and 671' FWL County: Uintah QQ, Sec, T., R., M. SW SW, Section 17, T9S - R19E State Utah 12 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA NOTICE OF INTENT SUBSEQUENT REPORT (Submit in Duplicate) (Submit Original Form Only) Abandonment **New Construction** Abandonment \* **New Construction** Casing Repair Pull or Alter Casing Casing Repair Pull or Alter Casing Change of Plans Recompletion Change of Plans Shoot or Acidize Conversion to Injection Shoot or Acidize Conversion to Injection Vent or Flare Fracture Treat Vent or Flare Fracture Treat Water Shut-Off Multiple Completion Water Shut-Off Request 1 year extension of APD Date of Work Completion Approximate Date Work Will Start Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. \* Must be accompanied by a cement verification report 13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Gasco Production Company requests a one year extension of the subject APD. Approved by the Utah Division of Oil, Gas and Mining 14. I hereby certify that the foregoing is true and correct. Consultant for Gasco Production Company Name & Signature 09/11/06 (State Use Only) COPY SEN RECEIVED SEP 1 3 2006 (8/90)See Instructions on Reverse Side

# Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37116

Well Name: Location:	Federal #14-17-9-19 SW SW, 619' FSL a		L, Sec. 17, 7	<sup>-</sup> - R19E	Ξ
	mit Issued to: Permit Issued:		duction Co		
above, hereby	ed as owner with lega verifies that the infor ication to drill, remair	rmation as s	ubmitted in t	the previou	ısly
Following is a verified.	checklist of some ite	ms related to	the applica	ition, which	n should be
If location on pagreement bee	orivate land, has the den updated? Yes	ownership cl	nanged, if so	o, has the s	surface
	s been drilled in the v siting requirements t				would affect NoX
	n any unit or other ag peration of this propo		ut in place th Yes⊡	nat could a	iffect the
	en any changes to th could affect the prop		_		<u></u>
Has the approv	ved source of water f	for drilling ch	nanged?	Yes 🗌	NoX
	en any physical chan equire a change in pla Yes  No X				
Is bonding still	in place, which cove	ers this propo	sed well?	YesX	No
Venessa Lang	Macher - Permitco Ir	nc.	September 1 Date	1, 2006	
Title: Consulta	ant for Gasco Produc	ction Compa	ny		

RECEIVED SEP 1 3 2006

Ferm 3160-3 (August 1999)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0136

Expires November 30, 2000

5.	Lease Ser	rial No.	
	U-1654	4	
6	If Indian	Allottee or Tribe Name	_

BUREAU OF LAND MANA	IGENTERY		0-10044	
APPLICATION FOR PERMIT TO I	ORILL OR REENTER		6. If Indian, Allottee or Trib	e Name
1a. Type of Work: DRILL REENTER			7. If Unit or CA Agreement N/A	, Name and No.
			8. Lease Name and Well No	).
b. Type of Well: Oil Well Gas Well Other	Single Zone	Multiple Zone	Federal #14-17-9-1	9
	8 Inverness Drive East, S	uite 100	9. API Well No.	_
	Englewood, CO 80112		43.047.2	7116
3. Name of Agent 303-857-9999	14421 County Road 10		10. Field and Pool, or Explo	ratory
Permitco Inc Agent	Fort Lupton, CO 80621		Riverbend	
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or Blk,	
At surface 619' FSL and 671' FWL			Section 17, T9S-R1	19E
At proposed prod. zone SW SW				1,3 6
14. Distance in miles and direction from nearest town or post office			12. County or Parish	13. State
Approximately 25.5 miles Southeast of Myton, UT		T	Uintah	UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)  619'	16. No. of Acres in lease	17. Spacing Unit	dedicated to this well 40 Acres; SW SW	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 3050'	19. Proposed Depth	20. BLM/BIA Bo	nd No. on file	
applied for, on this lease, ft. Approx. 3050'	prox. 3050' 13,161'		Bond #UT-1233	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work	will start*	23. Estimated duration	
4749' GL	ASAP		35 Days	i
	24. Attachments	CONFID	ENTIAL-TIGHT	HOLE
The following, completed in accordance with the requirements of Or	nshore Oil and Gas Order No. 1	, shall be attached t	o this form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> </ol>	4. Bond to co		unless covered by an existing b	oond on file (see
3. A Surface Use Plan (if the location is on National Forest System	Lands,: 5. Operator ce	ertification.		
SUPO shall be filed with the appropriate Forest Service Office.	6. Such other authorized		ation and/or plans as may be re	quired by the
25. (Signature	Name (Printed/Typed	)	Date	
Venessa Jangmarket	l Ve	nessa Langmad	cher :	9/6/2005
Authorized Agent for Gasco Production Company	у			
Approved by (Signature) Name (Printed/Typed)		Date		
J. Terry KENIZKA		ice KA	4-	25-2007
Title Assistant Field Manager	Office VEON	AL FIELD O	FEICE	
Lands & Mineral Resources	ACUM	ME I HELD U	1 I IVID	
Application approval does not warrant or certify that the applicant h conduct operations thereon.	olds legal or equitable title to	those rights in the su	bject lease which would entitle	the applicant to

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

CONDITIONS OF APPROVAL



### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

**Company: Gasco Production Company** 

Location:

SWSW, Sec 17, T9S, R19E

Well No: API No:

Federal 14-17-9-19

170 South 500 East

Lease No:

UTU-16544

43-047-37116

Agreement:

N/A

Title Petroleum Engineer: Petroleum Engineer: Petroleum Engineer: Petroleum Engineer: Supervisory Petroleum Technician: NRS/Enviro Scientist: NRS/Enviro Scientist:	Name Matt Baker Michael Lee James Ashley Ryan Angus Jamie Sparger Paul Buhler Karl Wright Holly Villa	Office Phone Number 435-781-4490 435-781-4432 435-781-4470 435-781-4430 435-781-4502 435-781-4475 435-781-4484 435-781-4404	Cell Phone Number 435-828-4470 435-828-7875 435-828-3913 435-828-4029
NRS/Enviro Scientist: After Hours Contact Number: 435-7	Melissa Hawk Chuck MacDonald Jannice Cutler Michael Cutler Anna Figueroa Verlyn Pindell Darren Williams Nathan Packer	435-781-4476 435-781-4441 435-781-3400 435-781-3401 435-781-3407 435-781-3402 435-781-4447 435-781-3405 Fax: 435-781-4410	

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

### NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 6 Well: Federal 14-17-9-19 2/22/2007

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Paleontological monitoring shall be required during the construction phase of the well pad, access road and pipeline for this location.
- Due to paleontological issues involving this location, the pipeline shall be laid on the surface rather than burial construction as stated in the APD.
- The operator shall construct a diversion ditch along the south and east sides of the well pad in order to maintain adequate drainage.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. The following seed mix shall be used:

Ту	lbs./acre	
Western Wheatgrass	Agropyron smithii	4
Needle and Threadgrass	Stipa comata	4
Hy-crest Crested wheatgrass Agropyron cristatum		4
** Seed should be drilled; but if used and work the solids mech		unds per acre

Following well plugging and abandonment, the location, access roads, pipelines, and other
facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the
original contour; the top soil respread over the surface; and, the surface revegetated. The
surface of approved staging areas where construction activities did not occur may require
disking or ripping and reseeding. The following seed mix shall be used, unless BLM personnel
determine that conditions have changed and another mix would be more suitable:

	Туре	lbs./acre
Shadscale	Atriplex confertifolia	3
Winterfat	Eurotia lanata	3
Galleta grass	Hilaria jamesil	3
Indian Rice Grass	Oryzopsis hymenoides	3
** Seed should be drille	ed; but if broadcasted double the e solids mechanically to cover the	

• Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

#### **General Surface COA**

Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

Page 3 of 6 Well: Federal 14-17-9-19 2/22/2007

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times.
   Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

Page 4 of 6 Well: Federal 14-17-9-19 2/22/2007

- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sckolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken
  of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas
  shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
  weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
  completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

Page 5 of 6 Well: Federal 14-17-9-19 2/22/2007

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe
and shall be utilized to determine the bond quality for the production casing. Submit a field copy
of the CBL to this office.

- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to
  the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for
  liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM, Vernal Field Office within 30 days of installation or first production, whichever
  occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and / or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major

Page 6 of 6 Well: Federal 14-17-9-19 2/22/2007

Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

Form 3160- 5 (April 2004)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED

OMB	No	100	4.	0137
Carian		1.	٠,	200

SUNDRY NOTICES	AND	REPORTS	ON WELLS
Do not use this form for	nmnn	eale to drill o	- to ro onto

SUNDRY NOTICES AND F  Do not use this form for propose abandoned well. Use Form 3160-3	U-16544 6 If Indian, Allottee, or Tribe Name NA	
SUBMIT IN TRIPLICATE - Other Instruct		7. If Unit or CA. Agreement Name and/or No.
Type of Well Oil Well X Gas Well Other		NA  8. Well Name and No
2 Name of Operator Gasco Production Company		Federal 14-17-9-19
3a Address 8 Inverness Drive East Ste 100 Englewood, Co 80112	3b. Phone No. (melude area code) 303-483-0044	43-047-37116  10 Field and Pool, or Exploratory Area
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 619' FSL & 671' FWL SW SW Section	on 17-T9S-R19E	Riverbend H County or Pansh, State Uintah County, Utah
12. CHECK APPROPRIATE BOX(S) TO INDICA	ATE NATURE OF NOTICE, REP	ORT. OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	J

X Notice of Intent	Acidize	Deepen	Production ( Start/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
	X Change Plans	Plug and abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug back	Water Disposal	
13 Describe Proposed or Completed C	perations (clearly state all per	tinent details, including estir	nated starting date of any proposed up	al and anne de de

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The 8-point plan is revised as follows:

- 4. Proposed Casing and Cementing Program
  - The cement program will be as follows:

**Production Casing** 

Type and Amount

Lead:

523 Hi-lift, 11.5 PPG, Yield 3.09

Tail: 1,371 SX SX 50-50 POZ, 14.1 PPG, Yield 1.28

All other items on the 8-point plan are anticipated to remain the same.



14 Thereby certify that the foregoing is true and correct.					
Name (Printed Typed)					
Beverly Walker		Title	· Fi	ngineering T	echnician
				ismeering !	cennelan
Signafure Julia (1) (Ca/A)	/	Date		May 22,	2007
	FOR FEDE	RAberd	STOP TE OFFICE	USE	Federal Approval Of This
Approved by Conditions of approval, if any are attached Approval of this notice certify that the applicant holds legal or equitable title to those right which would entitle the applicant to conduct of	ີ	tah Div	nd Mining		Action Is Necessary
Conditions of approval, if any are attached Approval of this notice	does not and	das a	101	11 -	
certify that the applicant holds legal or equitable title to those right which would entitle the applicant to conduct of	s in the subject I operations their	eas Office	UNA		8FCFIVED
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212	, mak Alla crim	e for any pe	on movement and will	ully to make an	y department or agency of the United
States any false, fictitiousor fraudulent statements or representations a	s to any matter w	illain its libedi	Charles		MAY 2 0 2007
(Instructions on page 2)	By: _				MAT 2 3 2007



### **DIVISION OF OIL, GAS AND MINING**

### **SPUDDING INFORMATION**

Name of Company: Gasco Production Company	<del></del>
Well Name: Federal 14-17-9-19	
API No: 43-047-37116 Lease Type: Federal	
Section 17 Township 09S Range 19E County Uintah	
Drilling Contractor Pete Martin Drilling Rig # Bucket	
SPUDDED:	
Date <u>6-01-07</u>	
Time	
How_Dry	
Drilling will Commence:	<u>.</u>
Reported by	
Telephone #	
Data 6-4-07 Signed RM	

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES **DIVISION OF OIL, GAS AND MINING**

FORM 6

ENTITY	ACTION	COBM

Operator:

Gasco Production Co

Operator Account Number: N 2575

Address:

8 Invemess Drive East, Ste 100

city Englewood

state Co zip 80112 Phone Number: (303) 483-0044

API Number	Well	Well Name QQ 8		Sec	Twp	Rng	County	
4304737116	Federal 14-17-9-19		swsw		17 9		19 Uintah	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ty Assignment Nective Date	
Α	99999	16163		5/1/200	7	61	14/07	
Comments: Spuc	d Well BLK	HK = MVF	5 <u>0</u>	·	CUN	FIDE	NTIAL	

Wall 2

API Number	Pi Number Well Name		rme QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	8	pud Da	to		ity Assignment ffective Date
omments:							

API Number	Well Name		QQ Sec Twp			Rng County			
Action Code	Current Entity Number				Spud Date		Spud Date Entity Assignment Effective Date		
omments:						<u> </u>			

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Beverly Walker

Engineering Technician

6/7/2007

Title

Date

(5/2000)

JUN 0 7 2007

RECEIVED

DIV. OF OIL, GAS & MINING

Form 3160- 5 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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					 · F	•	** 4	-

FORM APPROVED

OMB No 1004- 0137 Expires March 31, 2007

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5.	Lease Serial No.
	U-16544
).	If Indian, Allottee, or Tribe Name

aband		NA			
SUBMIT IN TR	7. If Unit or C	A Agreement Name and/or No.			
Type of Well Oil Well X Gas Well	Other			8. Well Name	NA and No
Name of Operator				[ F	ederal 14-17-9-19
Gasco Production Company	ý.			9. API Well N	0
3a Address		3b Phone No tmch	ude area code)	1	43-047-37116
8 Inverness Drive East Ste 100 Englewood, Co 80112 303-483-0044					Pool, or Exploratory Area
<ol> <li>Location of Well (Footage, Sec. 1)</li> </ol>	., R., M., or Survey Description)				Riverbend
8 123 '013	671' FWL SW SW of Secti	on 17 TOC D101	2	11. County or	Parish, State
017 13L &	OTET WE SW SW OF SCCI	OH 17-195-K191		Ui	intah County, Utah
12. CHECK APPRO	PRIATE BOX(S) TO INDICA	TE NATURE OF	NOTICE, REPOR	T. OR OTHI	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize	Deepen	Production ( S	lart/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other
·	Change Plans	Plug and abandon	Temporarily A	bandon	Spud Well
Final Abandonment Notice	Convert to Injection	Pług back	Water Disposa	1	

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days
following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once
testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has
determined that the site is ready for final inspection.

6/1/2007: MIRU Pete Martin Drilling and driled a 17-1/2" hold and set 40' of 13-3/8" 48# Casing. Cemented same with Class G cement - had full returns to surface.

14 Thereby certify that the foregoing is true and correct Name (Printed Typed)	1		
Beverly Walket	Title	Engineering Technician	1
Signature ) ((et.ili) / (C//)	Date	June 7, 2007	
THIS SPACE FOR	R FEDERAL OR STAT	E OFFICE USE	
Approved by	Title	Date	
Conditions of approval, if any are attached. Approval of this notice does neerify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operation	subject lease Office		RECEIVE

which would entitle the applicant to conduct operations in the statements of representations as to any matter within its jurisdiction.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency pure for a gency pure for any person knowingly and willfully to make any department or agency pure for a gency pure for a gency





43.047.37116 17 95 19e

	V-8/						AFE # 40130		GPS N 40° 01.	518', W	/ 109°	48.675
Well:		Permit De	oth:	Prog Dept	h:	Date:			Days since spud:			
FED 1	14-17-9-19		13,161'				6/10/2007		F	RM1		
Current: Op		RIG MOVE										
Depth:		Prog:		D Hrs:		AV ROP:		Formation				
DMC:		1	TMC:				TDC:	\$28,700			\$4	7,832
Contractor:		NABORS 6	11	Mud Co:	MI DRLC	FLUIDS	TANGIBLE	COST	INTANG	IBLE (	COST	
MW:		#1 F-1000	3.5 gpm	Bit #:			Conductor:	\$ -	Loc,Cost:		\$	1,400
VIS:		SPM:		Size:			Surf. Csg:	\$ -	Rig Move:		\$	3,500
PV/YP:		#2 F-1000	3.5 gpm	Туре:			Int. Csg:	\$ -	Day Rate:		\$	18,100
Gel:		SPM:		MFG:			Prod Csg:	\$ -	Rental Tools:		\$	1,600
WL:		GPM:		S/N:			Float Equp:	\$ -	Trucking:		\$	600
Cake:		Press:		Jets:			Well Head:	\$ -	Water:		\$	2,500
Solids:		AV DC:		TD:			TBG/Rods:	\$ -	Fuel:		\$	
MBT:		AV DP:		Depth in:			Packers:	\$ -	MI Pit system		\$	
PH:		JetVel:		FTG:			Tanks:	\$ -	Logging/Survey		\$	•
Pf/Mf:		ECD:		Hrs:			Separator:	\$ -	Cement		\$	<u> </u>
Chlor:		SPR #1 :		FPH:			Heater:	\$ -	Bits:		\$	
Ca:		SPR #2 :		WOB:			Pumping L/T:	\$ -	Mud Motors		\$	
DAP		Btms. Up:		R-RPM:			Prime Mover:	\$ -	Corrosion:		\$	-
Т	ime Break Dow	n:	Total D.T.	M-RPM:			Misc:	\$ -	Consultant:		\$	1,000
START	END	TIME	1	Total Rot.	Hrs:		Daily Total:	\$ -	Drilling Mud:		\$	_
06:00	22:00	16:00	RIG MOVE, RIG U	- SET ALL	EQUIPME	NT, RELEAS	SE TRUCKS AND	)	Misc. / Labor:		\$	-
			CRANES, STRING	UP BLOCK	(S.				Camp Exp:		\$	-
									Daily Total:		\$	28,700
									Cum. Wtr:	•	\$	2,500
									Cum. Fuel		\$	-
									Cum. Bits:		\$	-
										ВНА		
			Uintah									
			Wasatch									
			Mesaverde									
			Castlegate									
			Desert									
			Grassy									
			Sunnyside									
			Kenilworth									
			Aberdeen					<u></u>	TOTAL BHA =			0.00
			Spring canyon						Survey			
			TD		-				Survey			
P/U			LITH:						BKG GAS			
S/O			FLARE:				GAS BUSTER	N0	CONN GAS			
ROT.			LAST CSG. RAN:		13 3/8"	SET @	40' KB		PEAK GAS			
FUEL	Used:		On Hand:			Co.Man	J DUNCAN		TRIP GAS			
BIT#			ICS	ocs	DC	LOC	B/S	G	ODC	RP		
COI	NDITION											



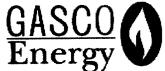
GPS N 40° 01.518', W 109° 48.675' AFE # 40130 Days since spud: Permit Depth: Prog Depth: Date: Well: RM2 6/11/2007 FED 14-17-9-19 13,161' **RIG UP** Current: Operations: Formation: AV ROP: D Hrs: Prog: Depth: \$33,000 \$80.832 TDC: тмс: DMC: INTANGIBLE COST MI DRLG FLUIDS TANGIBLE COST Mud Co: Contractor: NABORS 611 Loc,Cost: \$ #1 F-1000 3.5 gpm Bit #: Conductor \$ MW: \$ Rig Move: \$ Size: Surf. Csg: VIS: SPM: 18,100 \$ #2 F-1000 3.5 gpm Type: Int. Csg: \$ Day Rate: PV/YP: Rental Tools: \$ 1,600 MFG: Prod Csg: \$ Gel: SPM: Trucking: \$ 600 Float Equp: GPM: S/N: WL: 1,200 \$ Well Head: \$ Water: Press: Jets: Cake: \$ AV DC: ITD: TBG/Rods: \$ Fuel: Solids: MI Pit system \$ Depth in: Packers: \$ MBT: AV DP: \$ Tanks: \$ Logging/Survey JetVel: FTG: PH: Separator: \$ Cement \$ Hrs: Pf/Mf: ECD: 10,500 Bits: \$ Heater: FPH: \$ SPR #1: Chlor: **Mud Motors** \$ Pumping L/T: \$ WOB: Ca: SPR #2: Prime Mover: Corrosion: \$ \$ DAP Btms. Up: R-RPM: 1,000 Consultant: \$ Total D.T. M-RPM: Misc: Time Break Down: \$ Daily Total: \$ 1,200 **Drilling Mud:** START TIME Total Rot. Hrs: **END** RIGGING UP - RAISE DERRICK, BREAK TOUR, RIG UP FLOOR Misc. / Labor: \$ 24:00 06:00 06:00 Camp Exp: \$ \$ 31,800 Daily Total: RIG UP COMPLETE @ 06:00 JUNE 11, 2007. 2,500 Cum. Wtr: \$ Cum. Fuel \$ Cum. Bits: \$ BHA Uintah Wasatch Mesaverde Castlegate Desert Grassy Sunnyside Kenilworth 0.00 TOTAL BHA = Aberdeen Survey Spring canyon Survey ΙTD **BKG GAS** P/U LITH: **GAS BUSTER** N<sub>0</sub> **CONN GAS** FLARE: S/O **PEAK GAS** LAST CSG. RAN: 13 3/8" SET@ 40' KB ROT. TRIP GAS J DUNCAN On Hand: Co.Man Used: **FUEL** ODC RP ocs DC LOC B/S G **ICS** CONDITION



AFE # 40130 GPS N 40° 01.518', W 109° 48.675' Well: Permit Depth: **Prog Depth:** Date: Days since spud: FED 14-17-9-19 13,161' 6/12/2007 **Current: Operations:** DRLG Depth: D Hrs: Prog: 1255' 19.0 **IAV ROP:** 66.1 Formation: **UINTAH** DMC: \$463 TMC: **\$**463 TDC: \$42,613 \$123,445 Contractor: NABORS 611 Mud Co: MI DRLG FLUIDS **TANGIBLE COST** INTANGIBLE COST MW: 8.4 #1 F-1000 3.5 gpm Bit #: Conductor: \$ Loc,Cost: VIS: 26 SPM: 100 Size: 12 1/4 Surf. Csg: \$ Rig Move: \$ PV/YP: #2 F-1000 3.5 gpm Type TD51P Int. Csg: \$ Day Rate: 19,900 \$ Gel: SPM: 100 MFG: REED Prod Csg: \$ Rental Tools: 1,600 WL: GPM: 700 S/N: D74861 Float Equp: \$ Trucking: \$ 600 Cake: Press: 1750 Jets: 3/20 Well Head: \$ Water: \_ \$ 2,500 Solids: AV DC TD: 1313 TBG/Rods: \$ Fuel: \$ 14,200 MBT: AV DP: Depth in: 58 Packers: MI Pit system \$ \$ PH: JetVel: FTG: 1255 Tanks: \$ Logging/Survey \$ Pf/Mf: 1.20/2.60 ECD: Hrs: 19.0 Separator: Cement \$ \$ Chlor: 1000 SPR #1: FPH: 66.1 Heater: Bits: \$ \$ Ca: 282 SPR #2: WOB: 3-53 Pumping L/T: \$ Mud Motors \$ DAP Btms. Up: R-RPM: 50--70 Prime Mover: \$ Corrosion: \$ 100 Time Break Down: Total D.T. M-RPM: 168 Misc: \$ Consultant: -\$ 1,000 **START** TIME **END** Total Rot. Hrs: 19.0 Daily Total: \$ **Drilling Mud:** \$ 463 06:00 07:00 1:00 PRE SPUD RIG INSPECTION, SAFETY MEETING. Misc. / Labor: \$ 2.250 07:00 11:00 4:00 STRAP AND PU BHA. Camp Exp: \$ 11:00 06:00 19:00 DRLG 58' - 1313' (1255', 19.0 FPH). Daily Total: 42,613 \$ Cum. Wtr: \$ 5,000 Cum. Fuel \$ 14.200 Cum. Bits: 10,500 BHA 6" DCS 21 634.85 ΧO 1 3.16 Uintah 8" DCS 3 89.61 Wasatch IBS 1 7.22 Mesaverde 1 7.57 TELEDRIFT Castlegate 1 SS 13.09 Desert IBS 1 7.30 Grassy MUD MOTOR 1 39.10 Sunnyside DOG SUB 1 0.92 Kenilworth 12 1/4" BIT 1 1.00 Aberdeen TOTAL BHA = 803.82 Spring canyon Survey 1° 500' 24.00 TD Survey P/U LITH: **BKG GAS** S/O FLARE: **GAS BUSTER** N0 **CONN GAS** ROT. **LAST CSG. RAN:** 13 3/8" SET@ 58' KB **PEAK GAS** FUEL Used: On Hand: Co.Man J DUNCAN TRIP GAS BIT# ICS ocs DC LOC B/S ODC G RP CONDITION



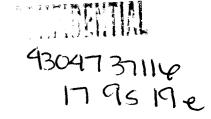
GPS N 40° 01.518', W 109° 48.675' AFE # 40130 Days since spud: Prog Depth: Date: Permit Depth: 6/13/2007 FED 14-17-9-19 13,161' 12,967 **DRLG Current: Operations:** UINTAH AV ROP: 71.1 Formation: D Hrs: 23.5 Prog: 1671' Depth: 2984 \$223,841 \$100,396 TDC: TMC: \$603 DMC: \$140 INTANGIBLE COST MI DRLG FLUIDS **TANGIBLE COST** Mud Co: NABORS 611 Contractor: Bit #: 1 Conductor: \$ Loc,Cost: \$ MW: 8.4 #1 F-1000 3.5 gpm 63,000 12 1/4 Surf. Csg: \$ Rig Move: \$ Size: VIS: 26 100 \$ 19,900 Day Rate: TD51P nt. Csg: PV/YP: #2 F-1000 3.5 gpm Type: 1,600 \$ Rental Tools: MFG: REED Prod Csg: \$ 100 SPM: Gel: \$ 3,080 Trucking: GPM: D74861 Float Equp: \$ 700 S/N: WL: \$ 4,000 Well Head: \$ Water: Jets: 3/20 1750 Cake: Press: \$ TBG/Rods: Fuel: 2984 \$ TD: AV DC: Solids MI Pit system \$ \$ Packers: AV DP: Depth in: 58 MBT: \$ Logging/Survey FTG: 2926 Tanks: \$ PH: JetVel: \$ Hrs: Separator: \$ Cement 42.5 Pf/Mf: .05/2.10 ECD: 4.000 FPH: Heater: \$ Bits: \$ 68.8 SPR #1: Chlor: 1000 \$ **Mud Motors** \$ Pumping L/T: WOB: 55 Ca: 80 SPR #2: Corrosion: \$ 100 Prime Mover: \$ R-RPM: 70 Btms. Up: DAP \$ 1,000 \$ Consultant: M-RPM: 168 Misc: Total D.T. Time Break Down: 3.080 \$ 140 **Drilling Mud:** Daily Total: \$ 42.5 END TIME Total Rot. Hrs: **START** \$ 3,576 Misc. / Labor: 2:30 DRLG 1313' - 1616' (303', 121.2 FPH) 06:00 08:30 \$ Camp Exp: RIG SER, TEST HYD, PIPE RAMS AND HCR. 0:30 08:30 09:00 97,316 DRLG 1616' - 2984' (1368', 65.1 FPH). Daily Total: \$ 09:00 06:00 21:00 9.000 Cum. Wtr: \$ 14,200 Cum. Fuel 10,500 Cum. Bits: \$ BHA 21 634.85 6" DCS хо 1 3.16 3 89.61 8" DCS 1 7.22 IBS Wasatch 5532' 2548' 1 7.57 TELEDRIFT 9387 6403 Mesaverde 1 13.09 SS 11847' 8863 Castlegate 7.30 1 IBS 12047 9063' Desert 0.24 MUD MOTOR 1 39.10 12167 9183 Grassy DOG SUB 1 0.92 9283' 12267 Sunnyside 1 1.00 12 1/4" BIT Kenilworth 12517 9533 TOTAL BHA = 803.82 9648' Aberdeen 12632 1584' Survey 10 Spring canyon 12767 9783 2500' 12967 9983' Survey 24.00 TD **BKG GAS** LITH: P/U N0 **CONN GAS GAS BUSTER** S/O FLARE: **PEAK GAS** 58' KB LAST CSG. RAN: 13 3/8" SET @ ROT. TRIP GAS Co.Man **J DUNCAN** 1459 On Hand: 4621 FUEL Used: ODC RP B/S G ICS ocs DC LOC BIT# 1 CONDITION



GPS N 40° 01.518', W 109° 48.675' AFE # 40130 Days since spud: Prog Depth: Date: Permit Depth: Well: 12,967 6/14/2007 13,161' FED 14-17-9-19 DRLG **Current: Operations:** UINTAH D Hrs: 8.0 AV ROP: 65.5 Formation: 524' Depth: 3508 Prog: \$287.554 \$2,001 TDC: \$63,713 TMC: DMC: \$1,397 TANGIBLE COST INTANGIBLE COST MI DRLG FLUIDS Mud Co: NABORS 611 Contractor: \$ Loc,Cost: \$ Conductor: #1 F-1000 3.5 gpm Bit #: MW: \$ 2,100 Rig Move: Size: 12 1/4 12 1/4 Surf. Csg: \$ SPM: VIS: 19,900 \$ Day Rate: \$ CH31MSJ Int. Csg: TD51P PV/YP: #2 F-1000 3.5 gpm Type: Rental Tools: \$ 1,600 REED VAREL Prod Csg: \$ MFG: SPM: Gel: \$ \$ 3.080 Trucking: Float Equp: 229019 WL: GPM: S/N: D74861 \$ 3,300 Water: 3/20 3/26 Well Head: \$ Jets: Press: Cake: Fuel: \$ TBG/Rods: \$ ITD: 2984 3508 AV DC: Solids: \$ MI Pit system 58 2984 Packers: \$ Depth in: MBT: AV DP: \$ Tanks: \$ Logging/Survey 524 FTG: 2926 PH: JetVel: \$ Hrs: Separator: \$ Cement 42.5 8.0 Pf/Mf: ECD: \$ 16,500 Heater: \$ Bits: 68.8 65.5 FPH: SPR #1: Chlor: **Mud Motors** \$ 11.622 Pumping L/T: \$ WOB: 55 55 SPR #2: Ca: \$ 100 Prime Mover: Corrosion: 70 70 \$ R-RPM: Btms. Up: DAP \$ 1,000 Consultant: Misc: \$ 168 Total D.T. M-RPM: 168 Time Break Down: \$ 1,397 Total Rot. Hrs: Daily Total: \$ 5,180 **Drilling Mud:** 50.5 START TIME **END** \$ 1.700 TRIP OUT W/ BIT Nº 1 (NUMBER 2 CONE LOCKED UP). Misc. / Labor: 2:00 06:00 08:00 Camp Exp: \$ 1,414 TRIP IN W/ BIT Nº 2. 08:00 12:00 4:00 58,533 Daily Total: \$ WASH AND REAM 2924' - 2984' (NO FILL). 12:00 12:30 0:30 12,300 Cum. Wtr: 8:00 DRLG 2984' - 3508' (524', 65.5 FPH). 12:30 20:30 14.200 Cum. Fuel \$ CIRC AND CONDTION HOLE, PUMP PILL 22:00 1:30 20:30 \$ 27,000 Cum. Bits: 2:30 TRIP OUT W/ BIT Nº 2. 00:30 22:00 BHA RU LAYDOWN MACHINE AND LD 8" BHA 03:30 3:00 00:30 634.85 6" DCS 21 RU CASING CREW AND RUN 8 5/8" CASING. 03:30 06:00 2:30 хo 1 3.16 3 89.61 8" DCS 1 7.22 IBS 2024 Wasatch 5532' 7.57 TELEDRIFT 1 9387' 5879 Mesaverde 13.09 1 SS 11847 8339 Castlegate 1 7.30 IBS 8539 12047 Desert 1 39.10 0.24 MUD MOTOR 8659 Grassy 12167 1 0.92 DOG SUB 8759' Sunnyside 12267 1.00 1 12 1/4" BIT 9009 12517 Kenilworth TOTAL BHA = 803.82 12632 9124 Aberdeen 10 2500 Survey Spring canyon 9259' 12767 3500 Survey 24.00 TD 12967 9459' **BKG GAS** P/U LITH: **CONN GAS** N0 **GAS BUSTER** FLARE: S/O **PEAK GAS** 58' KB 13 3/8" LAST CSG. RAN: SET @ ROT. **TRIP GAS** 3568 Co.Man J DUNCAN 1053 On Hand: FUEL Used: RP DC LOC B/S G ODC ocs **ICS** BIT# 1 CD TQ № 2 LOCKED UP FC CONDITION 3 2



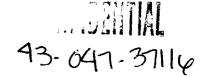
GPS N 40° 01.518', W 109° 48.675' AFE # 40130 Date: Days since spud: Well: Permit Depth: Prog Depth: 4 6/15/2007 13,161' 12,967 FED 14-17-9-19 **Current: Operations: BOP TESTING UINTAH** AV ROP: 3508 Prog: 0, D Hrs: Formation: Depth: \$468.591 TDC: \$184.117 \$755 Ітмс: \$2,757 DMC: INTANGIBLE COST MI DRLG FLUIDS **TANGIBLE COST** NABORS 611 Mud Co: Contractor: Bit#: Conductor: Loc,Cost: 2 #1 F-1000 3.5 gpm MW: \$ 91,000 Rig Move: \$ Surf. Csg: Size: 12 1/4 VIS: \$ 19,900 CH31MSJ \$ Day Rate: #2 F-1000 3.5 gpm Int. Csg: PV/YP: Type: 2,552 Rental Tools: \$ MFG: VAREL Prod Csg: \$ Gel: \$ Truckina: \$ S/N: 229019 Float Equp: GPM: WL: 2,500 Well Head: \$ 4,600 Water: \$ Press: Jets: 3/26 Cake: TBG/Rods: \$ Fuel: \$ TD: 3508 AV DC: Solids: MI Pit system \$ Packers: \$ AV DP: Depth in: 2984 MBT: Logging/Survey \$ FTG: 524 Tanks: \$ PH: JetVel: 36.000 Cement \$ Separator: \$ ECD: Hrs: 8.0 Pf/Mf: Bits: \$ 10,500 Heater: \$ FPH: 65.5 SPR #1: Chlor \$ **Mud Motors** WOB: Pumping L/T: \$ SPR #2: 55 Ca: 100 \$ Btms. Up: R-RPM: Prime Mover: Corrosion: DAP Misc: \$ 1,000 168 Consultant: M-RPM: \$ Time Break Down: Total D.T. **Drilling Mud:** \$ 755 TIME Total Rot. Hrs: 50.5 Daily Total: \$ 95,600 END **START** 15.210 Misc. / Labor: \$ 4:30 RUN 8 5/8" CASING LAND OUT AT 3506' KB 06:00 10:30 \$ Camp Exp: CIRC COND HOLE, RD CASING CREW. 10:30 11:30 1:00 88,517 Daily Total: \$ 12:00 0:30 RU SCHLUMBERGER, HOLD SAFETY MEETING. 11:30 Cum. Wtr: 14,800 CEMENT W/ LEAD 626 SKS CLASS G + ADDS (11.0 PPG, YIELD 3.9 CU.FT/ \$ 12:00 15:30 3:30 Cum, Fuel \$ 14.200 SK, H20 24.52 GALS/SK). TAIL 370 SKS CLASS G + ADDS (15.8 PPG, YIELD 27.000 1.15 CU.FT/SK, H20 4.96 GALS/SK). CIRC'D 130 BBLS OF CMT TO SURFACE Cum. Bits: ВНА BUMPED PLUG W/ 210 BBLS H20 - FLOATS HELD GOOD. 21 6" DCS 634.85 NIPPLE DOWN FLOW NIPPLE. 1:00 15:30 16:30 хо 1 3.16 TOP OFF W/ 110 SKS (15.8 PPG, YIELD 1.15 CU.FT/SK, H20 4.96 GALS/SK, 16:30 17:30 1:00 3 8" DCS 89.61 2% CACL). IBS 1 7.22 18:00 0:30 RD SCHLUMBERGER. 17:30 TELEDRIFT 1 7.57 INSTALL WELLHEAD ADAPTER. 18:00 19:30 1:30 1 13.09 SS NIPPLE UP BOP AND CHOKE MANIFOLD 01:00 5:30 19:30 1 7.30 PRESSURE TEST BOP AND CHOKE MANIFOLD TO 5000 PSI - OK. IBS 05:00 4:00 01:00 1 39.10 0.24 MUD MOTOR 1:00 TRIP IN HOLE W/ BIT Nº 3. 05:00 06:00 Sunnyside 12267' 8759 DOG SUB 1 0.92 Wasatch 5532 2024' 12 1/4" BIT 1 1.00 Kenilworth 12517 9009 Mesaverde 9387' 5879' 803.82 9124 TOTAL BHA = Aberdeen 12632 11847 8339 Castlegate 1° 2500 Survey 12767 9259 Desert 12047 8539' Spring cany 3500 Survey 12967 9459 24.00 12167 TD Grassy **BKG GAS** LITH: P/U **CONN GAS GAS BUSTER** N0 FLARE: S/O **PEAK GAS** LAST CSG. RAN: 8 5/8" SET@ 3506' KB ROT. **Scott Allred** TRIP GAS Co.Man On Hand: **FUEL** Used: B/S ODC RP LOC G DC BIT# ICS ocs TD NONE CONDITION NA NA O 1

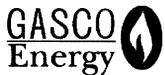




AFF # 40130 GPS\_N 40° 01.518', W 109° 48.675'

	0-8/					Date:	AFE # 40130	)	GPS N 40° 01		W 109	° 48.675'
Well: Permit De				Prog Depth:					Days since spud:			
FED 14-17-9-19			13,161'	12,967 6/16/200			6/16/2007	5				
Current: C	perations:	DRLG				,						
Depth:	4061'	Prog:	553'	D Hrs:	8.5	AV ROP:	65.1	Formation	: U	INTAL	1	
DMC:	MC: \$478 TMC:				\$3,235 TDC: \$41,481				\$510,072			
Contracto	r:	511	Mud Co: MI DRLG FLUIDS TANGIBLE COST					INTANGIBLE COST				
MW:	8.4	#1 F-1000	3.5 gpm	Bit #:	3	4	Conductor:	\$ -	Loc,Cost:		\$	-
VIS:	26	SPM:		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:		\$	_
PV/YP:	1/	#2 F-1000	3.5 gpm	Туре:	FDS+	540ZX	Int. Csg:	\$ -	Day Rate:		\$	19,900
Gel:	1/1/1	SPM:	115	MFG:	STC	нтс	Prod Csg:	\$ -	Rental Tools:		\$	2,552
WL:		GPM:	401	S/N:	P60595	7114643	Float Equp:	\$ -	Trucking:		\$	495
Cake:		Press:	850	Jets:	3-24	6X16	Well Head:	\$ -	Water:		\$	-
Solids:		AV DC:	378	TD:			TBG/Rods:	\$ -	Fuel:		\$	13,931
MBT:		AV DP:	204	Depth in:		3508	Packers:	\$ -	MI Pit system		\$	-
PH:	9.3	JetVel:	109	FTG:		553	Tanks:	\$ -	Logging/Survey		\$	-
Pf/Mf:	.45/2.60	ECD:	8.6	Hrs:		8.5	Separator:	\$ -	Cement		\$	
Chlor:	1000	SPR #1:		FPH:		65.1	Heater:	\$ -	Bits:		\$	-
Ca:	20	SPR #2 :		WOB:		20/25	Pumping L/T:	\$ -	Mud Motors		\$	-
DAP		Btms. Up:	15	R-RPM:		60	Prime Mover:	\$ -	Corrosion:		\$	100
•	Time Break Dov	vn:	Total D.T.	м-крм:		85	Misc:	\$ -	Consultant:		\$	1,000
START	END	TIME		Total Rot.	Hrs:	59.0	Daily Total:	\$ -	Drilling Mud:		\$	478
06:00	07:00	1:00	PICK UP BHA						Misc. / Labor:		\$	1,700
07:00	08:30	1:30	TRIP IN HOLE						Camp Exp:		\$	1,325
08:30	15:00	6:30	DRLG CEMENT AN	ND SHOE T	O 3536'				Daily Total:		\$	41,481
15:00	15:30	0:30	LEAK OF TEST TO	500 PSI F	Cum. Wtr:		\$	14,800				
15:30	17:30	2:00	тоон						Cum. Fuel		\$	14,200
17:30	18:00	0:30	CHANGE OUT BIT						Cum. Bits:		\$	27,000
18:00	20:00	2:00	TIH							ВНА		
20:00	21:30	1:30	WASH TO BOTTO	M AND BRE	EAKE IN BIT	Γ			BIT#3	7 7/8		1.00
21:30	06:00	8:30	DRLG 3536' TO 4	1079 (553'	@ 65.1 FPI	1)		•	MUD MOTOR		L	33.05
									IBS			6.05
									T- DRIFT			8.10
									1 DC	6"		29.99
									IBS			6.05
									20 DC's			604.86
			Wasatch	5532'	1471'	Sunnyside	12267'	8206'				
			Mesaverde	9387'	5326'	Kenilworth	12517'	8456'				
			Castlegate	11847'	7786'	Aberdeen	12632'	8571'	TOTAL BHA =			689.10
			Desert	12047'	7986'	Spring cany	12767'	8706'	Survey	1°	2	2500'
		24.00	Grassy	12167'	8106'	TD	12967'	8906'	Survey	1°	3	3500'
P/U	112		LITH:						BKG GAS			
S/O	108		FLARE:				GAS BUSTER	N0	CONN GAS			
ROT.	110		LAST CSG. RAN:		8 5/8"	SET @	3506' KB		PEAK GAS			
FUEL	Used:	1080	On Hand:	6601		Co.Man	Scott Allred		TRIP GAS			
BIT#			ICS	ocs	DC	LOC	B/S	G	ODC	RP		
CO	NDITION		1	1	NO	Α		I	NO	PR	DRLC	SHOE

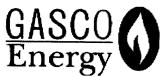




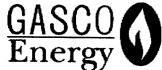
AFE # 40130 GPS N 40° 01.518', W 109° 48.675' Well: Permit Depth: Date: Days since spud: Prog Depth: FED 14-17-9-19 12,967 6/17/2007 13,161' 6 DRLG Current: Operations: Prog: 561' D Hrs: 17.0 AV ROP: 33.0 Formation UINTAH Depth: DMC: \$9,207 TMC: \$12,442 TDC: \$51.839 \$561.911 **TANGIBLE COST INTANGIBLE COST** Contractor NABORS 611 Mud Co: MI DRLG FLUIDS MW: Bit #: 8.4 #1 F-1000 3.5 gpm Conductor: Loc,Cost: \$ 7 7/8 VIS: 26 100 Size: 7 7/8 Surf. Csg: Rig Move: \$ \$ 19,900 PV/YP: 1/ #2 F-1000 3.5 gpm Type: 540ZX DSX 516 Int. Csg: \$ Day Rate: \$ 2,552 Gel: 1/1/1 SPM: MFG: HTC HYC **Prod Csg:** \$ Rental Tools: \$ WL: 700 S/N: 7114643 \$ GPM: 108517 Float Equp: Trucking: \$ 2200 6X16 Cake: Press: Jets: 2X14/5X18 Well Head: \$ Water: \$ TD: \$ Solids: AV DC: 681 TBG/Rods: \$ Fuel: MBT: AV DP: 368 3508 4208 Packers: MI Pit system \$ Depth in: \$ \$ PH: 8.5 JetVel: 150 FTG: 1114 414 Tanks: \$ Logging/Survey Pf/Mf: 20/4.70 ECD: 8.9 Hrs: 5.0 12.0 Separator: \$ Cement \$ FPH: Chlor: 1000 SPR #1: 222.8 35.0 Heater: Bits: \$ 15,000 \$ Ca: 20 SPR #2 : WOB: 20/25 15/20 Pumping L/T: \$ **Mud Motors** \$ 2,125 DAP 4.4 Btms. Up: 15 R-RPM: 60 55 Prime Mover: \$ Corrosion: \$ 100 Misc: 1,000 Time Break Down: M-RPM: 112 Consultant: Total D.T. 85 \$ TIME Total Rot. Hrs: 76.0 9,207 **START END** Daily Total: \$ **Drilling Mud:** 06:00 11:00 5:00 DRLG 4079' TO 4208' (129' @ 26 FPH) Misc. / Labor: \$ 1,700 11:00 13:30 2:30 TOOH FOR BIT Camp Exp: \$ 255 13:30 14:30 1:00 CHANGE OUT BIT AND MUD MOTOR Daily Total: 51,839 14,800 Cum. Wtr: \$ 14:30 16:30 2:00 Cum. Fuel 14,200 16:30 17:30 1:00 WASH TO BOTTOM 4143 TO 4208 ( NO FILL) 42,000 17:30 18:00 0:30 WORK BY JUNK AND BREAK IN BIT Cum. Bits: 18:00 06:00 12:00 DRLG 4208' TO 4622' (414' @ 35 FPH ) BHA 7 7/8 1.00 віт MUD MOTOR 0.16 33.05 6.05 IBS T- DRIFT 8.10 6" 29.99 1 DC IBS 6.05 20 DC's 604.86 12267' 7645 Wasatch 5532' 910' Sunnyside 9387 4765' Kenilworth 12517' 7895 Mesaverde TOTAL BHA = 689.10 8010 Aberdeen 12632 Castlegate 11847 7225 1° Survey 3500 Desert Spring cany 12767 8145 12047 7425 Survey 4530 24.00 Grassy 12167' 7545' TD 12967 8345' P/U 118 LITH: **BKG GAS** S/O N0 **CONN GAS** 110 FLARE: **GAS BUSTER** SET@ ROT. 115 LAST CSG. RAN: 8 5/8" 3506' KB **PEAK GAS** TRIP GAS **FUEL** Used: 1448 On Hand: 5153 Co.Man Scott Allred LOC B/S ODC RP BIT# 4 ICS ocs DC G CONDITION N/C PR χ JD. 2 BT



AFE # 40130 GPS N 40° 01.518', W 109° 48.675' Well: Permit Depth: Prog Depth: Date: Davs since spud: FED 14-17-9-19 6/18/2007 13,161' 12,967 7 DRLG Current: Operations: Depth: 5088 Prog: D Hrs: 16.0 AV ROP: Formation **UINTAH** DMC: \$1,569 тмс: \$14,011 TDC: \$44,041 \$605,952 NABORS 611 Contractor: Mud Co: MI DRLG FLUIDS TANGIBLE COST INTANGIBLE COST MW: Bit #: 8.4 #1 F-1000 3.5 gpm 5 6 Conductor: \$ Loc.Cost: \$ VIS: 26 SPM: 100 Size: 7 7/8 7 7/8 Surf. Csg: Rig Move: \$ \$ #2 F-1000 3.5 gpm PV/YP: 1/ Type: DSX 516 505zx Int. Csg: \$ Day Rate: \$ 19,900 1/1/1 SPM: MFG: Rental Tools: Gel: 100 HYC HTC Prod Csg: \$ \$ 2.552 S/N: WL: GPM: 700 108517 7114209 Float Equp: \$ Trucking: \$ 220 Press: Cake: 2200 Jets: 2X14/5X18 6X18 Well Head: \$ Water: \$ AV DC: TBG/Rods: Fuel: Solids: 681 Depth out: 5068 \$ \$ MBT: 368 5068 MI Pit system AV DP: Depth in: 4208 Packers: \$ \$ PH: JetVel: FTG: 860 Tanks: 8.5 150 20 Logging/Survey \$ \$ Pf/Mf: 20/4.70 ECD: 8.9 Hrs: 21.0 1.0 Separator: \$ Cement \$ Chlor: 1000 SPR #1: FPH: 41.0 20.0 Heater: \$ Bits: \$ 15.000 SPR #2: WOB: 15/20 15/20 Pumping L/T: **Mud Motors** Ca: 20 \$ 2,000 \$ Btms. Up: R-RPM: DAP 4.4 15 55 55 Prime Mover: \$ Corrosion: \$ 100 Time Break Down: Total D.T. M-RPM: 112 1,000 112 Misc: \$ Consultant: \$ Daily Total: TIME Total Rot. Hrs: 1,569 START **END** 92.0 **Drilling Mud:** \$ \$ 06:00 9:00 DRLG 4622' TO 4930' ( 308' @ 34 FPH ) 1.700 15:00 Misc. / Labor: \$ 15:00 15:30 0:30 RIG SERVICE Camp Exp: \$ 15:30 21:30 DRLG 4930' TO 5068' ( 138' @ 23 FPH ) Daily Total: \$ 44.041 6:00 21:30 22:00 0:30 PUMP PILL Cum. Wtr: \$ 14,800 TOOH FOR BIT 22:00 24:00 2:00 Cum. Fuel \$ 14,200 24:00 01:00 1:00 CHANGE OUT BIT AND LAY DOWN BOTH IBS's Cum. Bits: 57,000 ВНА 03:00 2:00 TIH 01:00 03:00 05:00 2:00 WASH AND REAM TO BOTTOM 60' ( NO FILL) ВІТ 7 7/8 1.00 05:00 06:00 1:00 DRLG 5068' TO 5088' ( 20'@ 20 FPH ) MUD MOTOR 0.16 32.80 T- DRIFT 8.10 21 DC's 634.85 Wasatch 444' 12267' 7179 5532 Sunnyside Mesaverde 9387 4299' Kenilworth 12517' 7429 TOTAL BHA = 676.75 Castlegate Aberdeen 12632 7544' 11847 6759 2° 4530 Desert 12767 Survey 12047 6959 Spring cany 7679 5000' 24.00 Grassy 12167 7079 TD 12967 7879 Survey P/U 145 LITH: **BKG GAS** S/O 120 FLARE: **GAS BUSTER** N0 **CONN GAS** LAST CSG. RAN: ROT. 130 8 5/8" SET@ 3506' KB **PEAK GAS** FUEL 1456 3698 Scott Allred TRIP GAS Used: On Hand: Co.Man BIT# 5 ICS ocs DC LOC B/S G ODC RP CONDITION 3 2 ВТ N/C Χ PR



Well:	8/	Permit De	nth:	Drog Dout		In.4	AFE # 4013	0	GPS N 40° 0		W 109	° 48.675'
FED 14-17-9-19			-	Prog Dept		1 '			Days since spu			
Current: Operations: DRLG		DRIC	13,161'	161' 12,967		<u></u>	6/19/2007		<u>L</u>	_8		
Depth:	6678'	Prog:	1590'	D Hrs:	23.5	AV ROP:		le	3.04			
DMC:	\$4,5		TMC:	\$18,581	23.5	AV ROP:	67.7	Formation	: W	asato		
Contracto		NABORS (		Mud Co:	MIDDI	G FLUIDS	TDC:	\$32,760				38,711
MW:	8.4	#1 F-1000		Bit #:	6	G PLUIDS	TANGIBL		INTAN	GIBLE		
VIS:	26	SPM:	114	Size:	7 7/8	<del> </del>	Conductor: Surf. Csg:	\$ - \$ -	Loc,Cost:		\$	-
PV/YP:	1/	#2 F-1000		Type:	505zx				Rig Move:		\$	-
Gel:	1/1/1	SPM:	o.o gpiii	MFG:	HTC	<del> </del>	Int. Csg: Prod Csg:	\$ - \$ -	Day Rate:		\$	19,900
WL:		GPM:	400	S/N:	7114209	<del> </del>			Rental Tools:		\$	2,552
Cake:		Press:	1600	Jets:	6X18	+	Float Equp:	<u>\$ -</u>	Trucking:		\$	
Solids:		AV DC:	375	Depth out:	0.10		Well Head:	<u> </u>	Water:		\$	
MBT:	T	AV DC.	203		5000	<del>                                     </del>	TBG/Rods:	\$ -	Fuel:		\$	
PH:	8.3	JetVel:	203 86	Depth in: FTG:	5068	<del> </del>	Packers:	<u> </u>	MI Pit system		\$	
Pf/Mf:	.00/4.80	ECD:	8.5	<del></del>	1610	<del>-</del>	Tanks:	\$ -	Logging/Survey		\$	
Chlor:	1000	SPR #1 :	0.5	Hrs:	24.5		Separator:	<u> </u>	Cement		\$	
Ca:	20	SPR #2 :		FPH:	65.7		Heater:	\$ -	Bits:		\$	
DAP	3.5	Btms. Up:	25	WOB:	15/20	<del> </del>	Pumping L/T:	\$ -	Mud Motors		\$	2,938
	Time Break Dow			R-RPM:	55	<u> </u>	Prime Mover:	\$ -	Corrosion:			100
START			Total D.T.	M-RPM:	112		Misc:	<u> </u>	Consultant:		\$	1,000
	END	TIME		Total Rot. I		115.5	Daily Total:	\$ -	Drilling Mud:		\$	4,570
06:00	14:30	8:30	DRLG 5088' TO	5726' ( 638	'@ 75 FPI	1)			Misc. / Labor:		\$	1,700
14:30	15:00	0:30	RIG SERVICE						Camp Exp:		\$	_
15:00	06:00	15:00	DRLG 5726' TO	6678' ( 952	2' @ 63 FPH	l)			Daily Total:		\$	32,760
									Cum. Wtr:		\$	14,800
	<del> </del>								Cum. Fuel		\$	14,200
	<u> </u>								Cum. Bits:		\$	57,000
										ВНА		
									BIT	7 7/8		1.00
									MUD MOTOR	0.16		32.80
			WATER FLOW @	5450 PULLE	11 LOADS	OUT OF R	ESERVE PIT.		T- DRIFT			8.10
									21 DC's			634.85
												007.00
											-	
										<del>                                     </del>		
			Wasatch	5532'	0'	Sunnyside	12267'	5589'		<b>-</b>		
			Mesaverde			Kenilworth						
			Castlegate		5169'	Aberdeen	12517' 12632'	5839' 5954'	TOTAL BHA =			676 75
			Desert		5369'	Spring cany			Survey	1º	-	676.75
			Grassy			TD	12967'			1°		027'
·/U	145		LITH:	12.707	<del></del>		1230/		Survey	1	6	532'
6/0	120		FLARE:				CAS DUOTES		BKG GAS			
ROT.	130		LAST CSG. RAN:		0 E/O#	SET O	GAS BUSTER		CONN GAS			
UEL	Used:		On Hand:		8 5/8"	SET @	3506' KB		PEAK GAS			
BIT#		US <del>4</del>		2804	DC 1	Co.Man	Scott Allred		TRIP GAS			
	NDITION		ICS	ocs	DC	LOC	B/S	G	ODC	RP		
					l					! <b> </b>		ľ



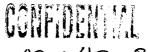
AFE # 40130 GPS N 40° 01.518', W 109° 48.675' Well: Permit Depth: Prog Depth: Date: Days since spud: FED 14-17-9-19 13,161' 12,967 6/20/2007 **Current: Operations:** TRIP FOR MUD MOTOR Depth: 7500 Prog: 822' D Hrs: 16.5 AV ROP: 49.8 Formation: Wasatch DMC: \$5.762 TMC: \$24,343 TDC: \$64,630 \$703.341 Contractor: NABORS 611 Mud Co: MI DRLG FLUIDS **TANGIBLE COST INTANGIBLE COST** MW: #1 F-1000 3.5 gpm 8.4 Bit#: 6 Conductor: \$ Loc,Cost: \$ VIS: 26 SPM: 114 Size: 7 7/8 7 7/8 Surf. Csg: \$ Rig Move: \$ #2 F-1000 3.5 gpm PV/YP: 1/ Type: 505zx MASI 513 Int. Csg: \$ Day Rate: \$ 19,900 Gel: 1/1/1 SPM: MFG: HTC STC Prod Csg: \$ Rental Tools: \$ 2,552 WL: GPM: 400 S/N: 7114209 Float Equp: \$ Trucking: \$ Cake: Press: 1000 Jets: 6X18 5/16 Well Head: Water: \$ \$ Solids: AV DC: 375 Depth out: 7501 TBG/Rods: \$ Fuel: 14,553 \$ MBT: AV DP: 203 Depth in: 5068 7500 Packers: \$ MI Pit system \$ PH: 8.3 JetVel: 86 FTG: 2432 Tanks: \$ Logging/Survey \$ Pf/Mf: .00/4.80 ECD: 8.5 Hrs: 41.0 Separator: \$ Cement \$ Chlor: 1000 SPR #1: FPH: 59.3 Heater: \$ Bits: \$ 17,000 Ca: 20 SPR #2 : WOB: 15/20 Pumping L/T: \$ **Mud Motors** \$ 2,063 DAP 3.5 Btms. Up: R-RPM: 55 Prime Mover: \$ Corrosion: \$ 100 Time Break Down: Total D.T. M-RPM: 112 Misc: \$ Consultant: \$ 1,000 START END TIME Total Rot. Hrs: 132.0 Daily Total: \$ **Drilling Mud:** \$ 5,762 06:00 DRLG 6678' TO 16:00 10:00 7216' (538'@ 53.8 FPH) Misc. / Labor: 1,700 \$ 16:00 16:30 0:30 RIG SERVICE Camp Exp: \$ 16:30 23:00 6:30 7500' ( 284'@ 44 FPH) DRLG 7216' TO Daily Total: 64.630 \$ 23:00 2400 1:00 PUMP PILL AND SURVEY @ 7500 -- 11/2° Cum. Wtr: \$ 14,800 24:00 04:30 4:30 TOOH FOR MUD MOTOR Cum. Fuel \$ 28,753 04:30 06:00 1:30 CHANGE OUT BIT AND MOTOR Cum. Bits: 74,000 BHA ВІТ 7 7/8 1.00 MUD MOTOR 0.15 35.52 T- DRIFT 8.10 21 DC's 634.85 Wasatch 5532' 0, Sunnyside 12267 4767' Mesaverde 9387' 1887' Kenilworth 12517 5017' Castlegate 11847' 4347 Aberdeen 12632 679.47 5132' TOTAL BHA = Desert 12047 4547 Spring cany 12767 5267 Survey 10 7035 2,423.00 Grassy 12167 4667' TD 12967 5467' Survey 1½° 7500 P/U 145 LITH: **BKG GAS** S/O 120 FLARE: **GAS BUSTER** NO **CONN GAS** ROT. 130 LAST CSG. RAN: 8 5/8" SET@ 3506' KB **PEAK GAS** FUEL Used: 894 On Hand: 2804 Co.Man **Scott Allred TRIP GAS** BIT# 6 ICS ocs DC LOC B/S G RP ODC CONDITION 2 CT Χ NO **DMF** 



GPS N 40° 01.518', W 109° 48.675' AFE # 40130 Permit Depth: Prog Depth: Date: Days since spud: FED 14-17-9-19 12,967 6/21/2007 10 13,161' DRLG **Current: Operations:** Wasatch AV ROP: Depth: 8205' Prog: 705' D Hrs: 16.0 44.1 Formation: TDC: \$65,260 \$768,601 DMC: \$960 ltmc: \$25,303 NABORS 611 Mud Co: MI DRLG FLUIDS TANGIBLE COST INTANGIBLE COST Contractor: #1 F-1000 3.5 gpm MW: Bit#: 7 Conductor: \$ Loc,Cost: \$ 8.5 VIS: SPM: Size: 7 7/8 Surf. Csg: \$ Rig Move: \$ 26 114 19,900 #2 F-1000 3.5 gpm MASI 513 Int. Csq: Day Rate: \$ PV/YP: 1/ Type: \$ Rental Tools: 2,552 1/1/1 MFG: STC Prod Csg: \$ \$ Gel: SPM: \$ WL: GPM: 400 S/N: JX4632 Float Equp: \$ Trucking: 1000 Jets: 5/16 Well Head: \$ Water: \$ 7,048 Press: Cake: TBG/Rods: Solids: AV DC: 371 Depth out: \$ Fuel: \$ 7500 MI Pit system MBT: AV DP: 201 Depth in: Packers: \$ \$ PH: 7.8 JetVel: 129 FTG: 705 Tanks: \$ Logging/Survey \$ 00./5.40 8.6 Hrs: 16.0 Separator: Cement \$ Pf/Mf: ECD: FPH: 44.1 Heater: Bits: \$ 30.000 Chlor: 11200 SPR #1: \$ Mu<u>d Motors</u> 2,000 Ca: 40 SPR #2: WOB: 15/20 Pumping L/T: \$ \$ Btms. Up: 34 R-RPM: 55 Prime Mover: \$ Corrosion: \$ 100 DAP 4 Time Break Down: Total D.T. M-RPM: 112 Misc: \$ Consultant: \$ 1,000 TIME 131.5 Daily Total: **Drilling Mud:** \$ 960 START Total Rot. Hrs: \$ **END** \$ 1,700 CONT. CHANGE OUT BIT AND MOTOR Misc. / Labor: 07:30 1:30 06:00 Camp Exp: \$ 07:30 09:00 1:30 TIH TO SHOE 65,260 09:00 10:30 1:30 CUT AND SLIP DRLG LINE Daily Total: \$ 21.848 Cum. Wtr: \$ 10:30 13:00 2:30 TIH 13:00 13:30 0:30 WASH 60' TO BOTTOM ( NO FILL) Cum. Fuel \$ 28,753 DRLG 7050' TO 7596' (96'@38 FPH) Cum. Bits: 104,000 13:30 16:00 2:30 BHA 0:30 RIG SERVICE 16:00 16:30 ΒΙΤ 7 7/8 1.00 16:30 06:00 13:30 DRLG 7596' TO 8202' (606' @ 45 FPH) MUD MOTOR 0.15 35.52 T- DRIFT 8.10 MUD UP @ 8000' 21 DC's 634.85 Wasatch 5532' 0' Sunnyside 12267 4062 Mesaverde 9387 1182' Kenilworth 12517 4312 TOTAL BHA = 679.47 Castlegate 11847 3642 Aberdeen 12632' 4427' 4562 Survey 11/2° 7500' 12047 Spring cany 12767 Desert 3842 8026' 24.00 12167 12967' 4762 Survey Grassy 3962 **BKG GAS** LITH: P/U 185 **GAS BUSTER VENT CONN GAS** S/O 168 FLARE: LAST CSG. RAN: 3506' KB **PEAK GAS** ROT. 177 8 5/8" SET @ TRIP GAS **Scott Allred** FUEL Used: 790 On Hand: 5552 Co.Man BIT# 7 ICS ocs DC LOC B/S G ODC RP CONDITION



GPS N 40° 01.518', W 109° 48.675' AFE # 40130 Days since spud: Date: Prog Depth: Well: Permit Depth: 11 12,967 6/22/2007 FED 14-17-9-19 13.161' DRLG **Current: Operations:** Wasatch AV ROP: 35.1 Formation: 826' D Hrs: 23.5 9031' Prog: Depth: TDC: \$37,515 \$807,815 \$31,380 DMC: \$4,377 TMC: INTANGIBLE COST **TANGIBLE COST** NABORS 611 Mud Co: MI DRLG FLUIDS Contractor: Loc,Cost: Bit #: Conductor: \$ \$ MW: 8.5 #1 F-1000 3.5 gpm \$ Surf. Csg: \$ Rig Move: SPM: 114 Size: 7 7/8 VIS: 27 19,900 Day Rate: \$ **MASI 513** Int. Csg: \$ 1/2 #2 F-1000 3.5 gpm Type: PV/YP: Rental Tools: 2,552 \$ Prod Csg: 1/1/1 SPM: MFG: STC Gel: 400 S/N: JX4632 Float Equp: \$ Trucking: \$ WL: 20 GPM: Well Head: \$ Water: \$ Jets: 5/16 Cake: 1/ Press: 1000 Fuel: \$ 0.8 AV DC: 371 Depth out: TBG/Rods: \$ Solids: MI Pit system Depth in: 7500 Packers: \$ MBT: AV DP: 201 7.5 Logging/Survey \$ JetVel: 129 FTG: 1531 Tanks: \$ PH: 8.0 Cement \$ .00/4.30 8.6 Hrs: 39.5 Separator: \$ Pf/Mf: ECD: Heater: \$ Bits: \$ FPH: 38.8 Chlor: 12800 SPR #1: **Mud Motors** \$ 2.938 Pumping L/T: \$ SPR #2: WOB: 15/20 Ca: 3.5 100 \$ Prime Mover: \$ Corrosion: Btms. Up: 38 R-RPM: 55 DAP 4 Consultant: 1,000 M-RPM: 112 Misc: \$ Time Break Down: Total D.T. 4.377 Daily Total: **Drilling Mud:** \$ START END TIME Total Rot. Hrs: 171.5 \$ 4,294 DRLG 8202' TO 8553' (351' @ 35.1 FPH) Misc. / Labor: \$ 06:00 16:00 10:00 \$ 2,354 16:30 Camp Exp: 0:30 RIG SERVICE 16:00 37,515 DRLG 8553' TO 9031' (478'@35 FPH) Daily Total: 06:00 16:30 13:30 21,848 Cum. Wtr: \$ 28,753 Cum. Fuel \$ Cum. Bits: \$ 104,000 ВНА 1.00 ВІТ 7 7/8 MUD MOTOR 0.15 35.52 8.10 T- DRIFT 634.85 21 DC's 3236 12267 5532' 0' Sunnyside Wasatch 12517 3486 9387 356 Kenilworth Mesaverde TOTAL BHA = 679.47 3601 Aberdeen 12632 2816 Castlegate 11847 8026 1° 3736 Survey 12767 Desert 12047 3016' Spring cany 8585 12967 3936 Survey 24.00 Grassy 12167 3136' TD **BKG GAS** LITH: P/U 205 **GAS BUSTER VENT CONN GAS** FLARE: S/O 175 **PEAK GAS** SET@ 3506' KB LAST CSG. RAN: 8 5/8" ROT. 189 TRIP GAS 4488 Co.Man Scott Allred FUEL Used: 1064 On Hand: G ODC RP ocs DC LOC B/S ICS BIT# CONDITION



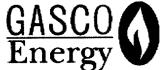
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GASCO Energy

	ergy v				# 40131			GPS N 40° 01.518', W 109° 48.675'				
Well: Permit De				Prog Depth		Date:			Days since spud:			
FED 1	14-17-9-19		13,161'	12,967		6/23/2007						
Current: Op	perations:					TRIP F	OR BIT					
Depth:	9441'	Prog:	410'	D Hrs:	15.0	AV ROP:	27.3	Formation:	<u>Mes</u>	averd		
DMC:	\$9,50	9	TMC:	\$40,889			TDC:	\$73,934				81,749
Contractor:	•	NABORS 6	11	Mud Co:	MI DRLC	FLUIDS	TANGIBLE	COST	INTANG	IBLE C	COST	
MW:	9.1	#1 F-1000 3	3.5 gpm	Bit #:	7	8	Conductor:	\$ -	Loc,Cost:		\$	
VIS:	38	SPM:	114	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:		\$	-
PV/YP:	7/12	#2 F-1000 3	3.5 gpm	Туре:	MASI 513	506zx	Int. Csg:	\$ -	Day Rate:		\$	19,900
Gel:	5/15	SPM:		MFG:	STC	HTC	Prod Csg:	\$ -	Rental Tools:		\$	9,570
WL:	15	GPM:	400	S/N:	JX4632	7113992	Float Equp:	\$ -	Trucking:		\$	280
Cake:	1/	Press:	1700	Jets:	5/16	6X16	Well Head:	\$ -	Water:		\$	-
Solids:	4.9	AV DC:	398	Depth out:	9441		TBG/Rods:	\$ -	Fuel:		\$	-
MBT:	10	AV DP:	215	Depth in:	7500	9441	Packers:	\$ -	MI Pit system		\$	
PH:	7.6	JetVel:	138	FTG:	1941		Tanks:	\$ -	Logging/Survey		\$	-
Pf/Mf:	.00/4.30	ECD:	9.44	Hrs:	54.5		Separator:	\$ -	Cement		\$	-
Chlor:	12100	SPR #1 :		FPH:	35.6	1	Heater:	\$ -	Bits:		\$	30,000
Ca:	<40	SPR #2 :		wов:	15/20		Pumping L/T:	\$ -	Mud Motors		\$	1,875
DAP	4	Btms. Up:	38	R-RPM:	55	Ī	Prime Mover:	\$ -	Corrosion:		\$	100
	Time Break Down		Total D.T.	M-RPM:	112		Misc:	\$ -	Consultant:		\$	1,000
START	END	TIME		Total Rot. H	lrs:	186.5	Daily Total:	\$ -	Drilling Mud:		\$	9,509
06:00	10:30	4:30	DRLG 9031' TO	9158' ( 127'	@ 28 FPH	)			Misc. / Labor:		\$	1,700
10:30	11:00	0:30	RIG SERVICE	0,00 ( ,=.	<u> </u>	·		···	Camp Exp:		\$	
11:00	21:30	10:30	DRLG 9158' TO	9441' ( 283	3' @ 27 FPI	H )			Daily Total:		\$	73,934
21:30	22:00	0:30	DROP SURVEY AN					<del></del>	Cum. Wtr:		\$	21,848
22:00	02:30	4:30	TOOH FOR BIT	10 1 0					Cum. Fuel		\$	28,753
02:30	04:00	1:30	LD MUD MOTOR A	ND CHANGE	BIT	<del></del>			Cum. Bits:		\$	134,000
04:00	06:00	2:00	TIH						ВНА			
04:00	06.00	2.00	11111						ВІТ	7 7/8		1.00
·	·								BIT SIB			4.00
			<u> </u>						21 DC's			634.85
	<del>                                     </del>											
	<u> </u>											
	<del> </del>											
	<b> </b>	<b> </b>										<del></del>
	1	<del>                                     </del>	1A/4-b	E E O O I	01	Cummical di-	12267'	2826'		$\vdash$		
	<del>                                     </del>	<del> </del>	Wasatch	5532'	0'	Sunnyside		3076'				
	<b> </b>	<del> </del>	Mesaverde	9387'	0'	Kenilworth	12517' 12632'	3191'	TOTAL BHA =			639.85
	<u> </u>	<del> </del>	Castlegate	11847'	2406'	Aberdeen		3326'	Survey	1°	5	8585'
	<del> </del>	04.00	Desert	12047'	2606'	Spring cany	12967'	3526'	Survey	1½°	_	9441'
	<u> </u>	24.00	Grassy	12167'	2726'	TD	12901	J320		1/2		750
P/U	205		LITH:				OAC DUCTES	VENTINO	BKG GAS			730 1777
S/O	175		FLARE:		0.510-	057.0	GAS BUSTER	VENTING	CONN GAS			1777 1777
ROT.	189		LAST CSG. RAN:		8 5/8"	SET @	3506' KB		PEAK GAS	_		1///
FUEL	Used:	1064	On Hand:	4488		Co.Man	Scott Allred		TRIP GAS	RP		
BIT #			ICS	ocs	DC_	LOC	B/S	G_	ODC	PR		
CO	NDITION		2	1	WT	N	X	1 1	LT	FR	ļ	



GPS N 40° 01.518', W 109° 48.675' AFE # 40131 Days since spud: Well: Prog Depth: Date: Permit Depth: 13 6/24/2007 12,967 FED 14-17-9-19 13,161' TRIP FOR BIT **Current: Operations:** Formation: Mesaverde AV ROP: 17.7 Prog: 283' D Hrs: 16.0 Depth: \$909,230 \$27,481 DMC: TMC: \$42,938 TDC: \$2,049 TANGIBLE COST INTANGIBLE COST Mud Co: MI DRLG FLUIDS Contractor NABORS 611 Bit #: Conductor: Loc,Cost: #1 F-1000 3.5 gpm 8 \$ MW: 9.1 Rig Move: \$ Size: 7 7/8 Surf. Csa: \$ 38 SPM: 114 VIS: 19,900 Int. Csg: \$ Day Rate: \$ 506zx 7/12 #2 F-1000 3.5 gpm Type: PV/YP: 2,552 Prod Csg: \$ Rental Tools: \$ MFG: HTC 5/15 SPM: Gel: \$ 180 Trucking: Float Equp: \$ WL: 15 GPM: 400 S/N: 7113992 Well Head: Water: \$ 1700 Jets: 6X16 \$ 1/ Press: Cake: Fuel: \$ TBG/Rods: \$ Solids: 4.9 AV DC: 398 Depth out: 9441 Packers: MI Pit system \$ 10 AV DP: 215 Depth in: MBT: FTG: Tanks: \$ Logging/Survey \$ 138 283 PH: 7.6 JetVel: Cement \$ Hrs: 16.0 Separator: \$ Pf/Mf: .00/4.30 ECD: 9.44 Heater: Bits: \$ FPH: 17.7 \$ SPR #1: Chlor: 12100 \$ **Mud Motors** \$ WOB: 15/25 Pumping L/T: SPR #2: Ca: <40 100 Prime Mover: \$ Corrosion: \$ R-RPM: 55/75 DAP 4 Btms. Up: 1,000 \$ Misc: Consultant: Total D.T. M-RPM: N/A Time Break Down: Drilling Mud: 2,049 202.5 Daily Total: \$ Total Rot. Hrs: **START END** TIME 4 1,700 Misc. / Labor: \$ 06:00 06:30 0:30 CONT. TRIP IN CHANGE OUT WATER LINE ON BREAKE FLANGE Camp Exp: \$ 06:30 10:30 4:00 27,481 Daily Total: 10:30 11:00 0:30 RIG SERVICE 21,848 Cum. Wtr: CONT. TRIP IN 13:00 2:00 11:00 28,753 Cum. Fuel WASH 60' TO BOTTOM ( NO FILL) AND BREAKE IN BIT \$ 13:00 14:00 1:00 134,000 Cum. Bits: DRLG 9441' TO 9724' (283' @ 17.7 FPH) 14:00 06:00 16:00 BHA 7 7/8 1.00 ΒΙΤ BIT SIB 4.00 634.85 21 DC's 12267 2543' 0' Sunnyside 5532 Wasatch 2793 0, Kenilworth 12517 Mesaverde 9387 TOTAL BHA = 639.85 Aberdeen 12632 2908' Castlegate 11847 3043' Survey 1° 8585 2323' 12767 Spring cany Desert 12047 1½° 9441 Survey 12967' 3243' 24.00 12167' 2443' TD Grassy 635 **BKG GAS** P/U 208 LITH: **VENTING CONN GAS** 1777 GAS BUSTER S/O 185 FLARE: 7170 PEAK GAS LAST CSG. RAN: 8 5/8" SET@ 3506' KB ROT. 198 TRIP GAS 7170 Co.Man Scott Allred On Hand: 6984 FUEL Used: 759 ODC RP B/S ICS ocs DC LOC G BIT# 8 CONDITION



BIT#

CONDITION

8

### **GASCO ENERGY** DAILY DRILLING REPORT

GPS N 40° 01.518', W 109° 48.675' AFE # 40131 Days since spud: Date: Well: Permit Depth: Prog Depth: 14 6/25/2007 FED 14-17-9-19 13.161' 12,967 DRLG **Current: Operations:** Mesaverde AV ROP: Formation: D Hrs: 23.5 21.6 Prog: 507' 10231 Depth: \$937,798 \$46,254 TDC: \$28,568 TMC: DMC: \$3,316 INTANGIBLE COST TANGIBLE COST Mud Co: MI DRLG FLUIDS NABORS 611 Contractor: Loc,Cost: #1 F-1000 3.5 gpm Bit #: Conductor: \$ \$ 8 MW: 9.1 \$ 7 7/8 Surf. Csg: \$ Rig Move: Size: VIS: 38 SPM: 114 19,900 Day Rate: 506zx \$ \$ Int. Csg: PV/YP: 7/12 #2 F-1000 3.5 gpm Type: Rental Tools: \$ 2,552 Prod Csa: \$ MFG: HTC Gel: 5/15 SPM: \$ Trucking: GPM: 400 S/N: 7113992 Float Equp: \$ WL: 15 Water: \$ Jets: 6X16 Well Head: \$ 1700 Cake: 1/ Press: Fuel: \$ TBG/Rods: \$ Solids: 4.9 AV DC: 398 Depth out: AV DP: 9441 Packers: MI Pit system \$ MBT: 10 215 Depth in: Tanks: \$ Logging/Survey \$ FTG: 790 PH: 7.6 JetVel: 138 Cement \$ Hrs: 39.5 Separator: \$ .00/4.30 ECD: 9.44 Pf/Mf: Bits: \$ FPH: 20.0 Heater: \$ SPR #1: Chlor: 12100 **Mud Motors** \$ Pumping L/T: \$ WOB: SPR #2: 15/25 Ca: <40 100 Corrosion: \$ Prime Mover: \$ R-RPM: 55/75 Btms. Up: 38 DAP 4 1,000 Consultant: \$ M-RPM: N/A Misc: Time Break Down: Total D.T. 3,316 **Drilling Mud:** \$ Daily Total: \$ 226.0 START END TIME Total Rot. Hrs: 1,700 Misc. / Labor \$ DRLG 9724' TO 9915' (191'@ 19 FPH) 06:00 16:00 10:00 Camp Exp: \$ 16:30 0:30 RIG SERVICE 16:00 28,568 Daily Total: \$ 06:00 13:30 DRLG 9915' TO 10231' (316' @ 23 FPH) 16:30 Cum. Wtr: 21,848 Cum. Fuel 28,753 \$ Cum. Bits: 134,000 BHA 7 7/8 1.00 BIT BIT SIB 4.00 634.85 21 DC's 6" 12267 2036 Sunnyside Wasatch 5532 0, Kenilworth 12517 2286' Mesaverde 9387 0, TOTAL BHA = 639.85 12632 2401 11847 1616 Aberdeen Castlegate 8585 2536 Survey 12767 1816 Spring cany Desert 12047 1½° 9441' Survey 12967 2736 24.00 Grassy 12167 1936 TD 1000 **BKG GAS** LITH: P/U 208 2350 **CONN GAS** FLARE: **GAS BUSTER VENTING** S/O 185 2350 3506' KB **PEAK GAS** 8 5/8" SET@ ROT. LAST CSG. RAN: 198 TRIP GAS Scott Alired 759 On Hand: 6984 Co.Man FUEL Used: RP DC LOC B/S G ODC ICS ocs



AFE # 40131 GPS N 40° 01.518', W 109° 48.675' Well: Permit Depth: Days since spud: Prog Depth: Date: FED 14-17-9-19 6/26/2007 13,161' 12,967 15 DRLG **Current: Operations:** Prog: 491' D Hrs: 23.5 AV ROP: 20.9 Formation: Mesaverde 10722 Depth: DMC: TMC: \$48,538 TDC: \$34,294 \$972.092 \$2,284 **INTANGIBLE COST** NABORS 611 Mud Co: MI DRLG FLUIDS TANGIBLE COST Contractor: #1 F-1000 3.5 gpm MW: Bit#: Conductor: \$ Loc,Cost: 9.6 Surf. Csg: Rig Move: \$ VIS: 37 SPM: 114 Size: 7 7/8 \$ 19,900 506<u>zx</u> Day Rate: \$ PV/YP: #2 F-1000 3.5 gpm Type: Int. Csg: \$ 7/13 2,552 MFG: Rental Tools: Gel: 7/17/ SPM: HTC **Prod Csg:** \$ \$ WL: 16 GPM: 400 S/N: 7113992 Float Equp: \$ Truckina: \$ 1/ 1250 Jets: 6X16 Well Head: Water: \$ Cake: Press: \$ 375 TBG/Rods: \$ Fuel: \$ Solids: 7.5 AV DC: Depth out: 9441 MI Pit system \$ AV DP: 203 Depth in: Packers: \$ MBT: 12.5 PH: 7.6 JetVel: 130 FTG: 1281 Tanks: \$ Logging/Survey \$ Cement \$ Pf/Mf: .00/7.0 ECD: 9.9 Hrs: 63.0 Separator: \$ -Bits: FPH: Heater: \$ Chlor: 13400 SPR #1: 20.3 \$ SPR #2: WOB: 15/25 Pumping L/T: \$ **Mud Motors** \$ Ca: <40 100 DAP 5 Btms. Up: 47 R-RPM: 55/75 Prime Mover: \$ Corrosion: \$ Consultant: \$ 1.000 Total D.T. M-RPM: N/A Misc: \$ Time Break Down: 2,284 \$ START **END** TIME Total Rot. Hrs: 249.5 Daily Total: \$ **Drilling Mud:** Misc. / Labor: \$ 7.908 06:00 14:30 8:30 DRLG 10231' TO 10451' (220'@ 26 FPH) RIG SERVICE Camp Exp: \$ 550 14:30 15:30 1:00 15:30 06:00 14:30 DRLG 10454' TO 10722' (268' @ 18 FPH) Daily Total: \$ 34,294 Cum. Wtr: 21,848 \$ Cum. Fuel 28,753 \$ Cum. Bits: 134,000 BHA віт 7 7/8 1.00 BIT SIB 4.00 21 DC's 6" 634.85 Sunnyside 12267' 1545' Wasatch 5532 9387 12517 1795' Mesaverde O, Kenilworth TOTAL BHA = 639.85 1910' 11847 Aberdeen 12632 Castlegate 1125 1° 8585 Survey Desert 12047 1325 Spring cany 12767 2045 1½° 9441' 24.00 12967' 2245 Survey Grassy 12167 1445 TD 400 P/U 208 LITH: **BKG GAS** S/O FLARE: DRLG 4' TO 6' GAS BUSTER **VENTING CONN GAS** 1802 185 **PEAK GAS** 8775 ROT. 198 LAST CSG. RAN: 8 5/8" SET@ 3506' KB 4887 Co.Man **Scott Allred TRIP GAS** FUEL Used: 1062 On Hand: ocs DC LOC B/S G ODC RP BIT# **ICS** 8 CONDITION



GPS N 40° 01.518', W 109° 48.675' AFE # 40131 Permit Depth: Prog Depth: Date: Days since spud: 6/27/2007 FED 14-17-9-19 13.161' 12,967 16 DRLG Current: Operations: Prog: D Hrs: 22.5 AV ROP: Formation: Mesaverde Depth: 11230 508' 22.6 TDC: DMC: \$6,082 TMC: \$54,620 \$73,434 \$1,045,526 Contractor: NABORS 611 Mud Co: MI DRLG FLUIDS **TANGIBLE COST INTANGIBLE COST** MW: 10.1 #1 F-1000 3.5 gpm Bit #: 8 Conductor: \$ Loc,Cost: \$ VIS: 41 SPM: Size: 7 7/8 Surf. Csa: \$ Rig Move: \$ PV/YP: 10/16 #2 F-1000 3.5 gpm 506zx Int. Csg: \$ Type: Day Rate: \$ 19,900 MFG: HTC Prod Csg: Rental Tools: Gel: 8/20/ SPM: \$ \$ 3,652 S/N: WL: 16.8 GPM: 400 7113992 Float Equp: \$ Trucking: \$ Water: 1/ 1250 Jets: 6X16 Well Head: 2,174 Cake: Press: \$ \$ Solids 9 AV DC: 375 Depth out: TBG/Rods: \$ Fuel: \$ MBT: 12.5 AV DP: 203 Depth in: 9441 Packers: MI Pit system \$ \$ PH: JetVel: 130 FTG: 1789 Tanks: Welder 2.666 7.6 \$ \$ Pf/Mf: .00/7.0 ECD: 10.5 Hrs: 85.5 Separator: \$ Cement \$ Chlor 13200 SPR #1: 50/400 FPH: 20.9 Heater: \$ Bits: \$ SPR #2 : 46/340 WOB: 15/25 Ca: <40 Pumping L/T: **Mud Motors** \$ \$ R-RPM: 100 Btms. Up: 49 55/75 Prime Mover: Corrosion: DAP 5 \$ \$ Total D.T. M-RPM: N/A Misc: Consultant: 1,000 Time Break Down: \$ \$ TIME 6.082 **START END** Total Rot. Hrs: 272.0 Daily Total: \$ **Drilling Mud:** \$ 06:00 12:30 6:30 DRLG 10722' TO 10887' ( 165' @ 25 FPH) Misc. / Labor: \$ 37,200 12:30 13:00 0:30 RIG SERVICE Camp Exp: \$ 660 14:00 DOWN TIME- FIX DRAWWORKS CHAIN Daily Total: 73,434 13:00 1:00 \$ Cum. Wtr: 06:00 16:00 DRLG 10887' TO 11249' ( 362' @ 23 FPH) 24,022 14:00 \$ Cum. Fuel \$ 28.753 Cum. Bits: \$ 134,000 BHA ΒΙΤ 7 7/8 1.00 BIT SIB 4.00 21 DC's 6" 634.85 Wasatch 5532 0' Sunnyside 12267 1037 Mesaverde 9387 0, Kenilworth 12517 1287 Castlegate 11847 Aberdeen 12632 1402' TOTAL BHA = 639.85 617 1° 8585 Desert 12047 817' Spring cany 12767 1537 Survey 9441' 24.00 Grassy 12167 937 TD 12967 1737 Survey 11/2° P/U 700 **BKG GAS** 228 LITH: S/O **DRLG 4' TO 6' GAS BUSTER VENTING CONN GAS** 1450 208 FLARE: ROT. **LAST CSG. RAN:** 8 5/8" SET@ 3506' KB **PEAK GAS** 2500 218 FUEL Used: 928 On Hand: 4887 Co.Man Scott Allred TRIP GAS BIT# ICS ocs DC LOC B/S ODC RP 8 G CONDITION



CONDITION

3 -

## GASCO ENERGY DAILY DRILLING REPORT

AFE # 40131 GPS N 40° 01.518', W 109° 48.675' **KB 17'** Permit Depth: Prog Depth: Date: Days since spud: 6/28/2007 12,967 17 FED 14-17-9-19 13.161' DRLG **Current: Operations:** 211' D Hrs: 10.0 AV ROP: 21.1 Formation: Mesaverde Depth: 11441 Prog: TMC: \$61,128 TDC: \$363,042 \$1,408,568 DMC: \$6,508 TANGIBLE COST INTANGIBLE COST MI DRLG FLUIDS Contractor: NABORS 611 Mud Co: Loc,Cost: #1 F-1000 3.5 gpm Bit #: \$ MW: 10.5 8 9 Conductor: \$ 7 7/8 \$ VIS: Size: 7 7/8 Surf. Csg: \$ Rig Move: 53 #2 F-1000 3.5 gpm \$ \$ 19.900 PV/YP: 14/28 Type: 506zx 506zx+ Day Rate: Int. Csg: 2,552 15/36 MFG: HTC HTC Prod Csg: \$324,125 Rental Tools: \$ Gel: GPM: S/N: 7113992 Trucking: \$ WL: 17.2 400 7114929 Float Equp: \$ 1250 Jets: 6X16 6X16 Well Head: \$ Water: \$ Cake: 1/ Press: TBG/Rods: \$ Fuel: \$ AV DC: 11281 11 375 Depth out: Solids: Depth in: 9441 11281 Packers: \$ MI Pit system \$ MBT: 12.5 AV DP: 203 Tanks: \$ JetVel: 130 FTG: 1840 160 \$ Logging/Survey PH: 7.6 Pf/Mf .00/7.0 ECD: 11.2 Hrs: 88.0 7.5 Separator: \$ Cement \$ 50/400 FPH: 20.9 21.3 Heater: \$ Bits: \$ Chlor: 1300 SPR #1: Mud Motors WOB: 15/26 Pumping L/T: \$ \$ <40 SPR #2: 46/340 15/25 Ca: 100 Btms. Up: R-RPM: 55/75 55/76 Prime Mover: \$ Corrosion: \$ 5 52 DAP 1.000 Misc: Consultant: \$ Time Break Down: Total D.T. M-RPM: N/A N/A \$ 6.508 START TIME Total Rot. Hrs: 282.0 Daily Total: \$324,125 **Drilling Mud:** \$ **END** 2:30 DRLG 11230' TO 11281' ( 51' @ 20.4 FPH) Misc. / Labor: \$ 8,857 08:30 06:00 \$ DROP SURVEY AND PUMP PILL ( SURVEY MISS RUN) Camp Exp: 09:00 0:30 08:30 38,917 5:30 Daily Total: \$ 09:00 14:30 TOOH FOR BIT \$ 24.022 CHANGE OUT BIT Cum. Wtr: 15:00 0:30 14:30 Cum. Fuel \$ 28,753 5:00 TIH 15:00 20:00 134,000 Cum. Bits: \$ WASH AND BREAKE IN BIT 20:00 22:00 2:00 03:30 5:30 DRLG 11281' TO 11385' ( 104' @ 19 FPH) BHA 22:00 DOWN TIME: PUMP DOWN AND OUT OF AIR BIT 7 7/8 1.00 03:30 04:00 0:30 BIT SIB 4.00 04:00 06:00 2:00 DRLG 11385' TO 11441' ( 56' @ 28 FPH) 6" 634.85 21 DC's Wasatch 5532 Sunnyside 12267' 826 9387 Kenilworth 12517 1076 Mesaverde O, TOTAL BHA = 639.85 12632 1191 Castlegate 11847 406' Aberdeen 1326 Survey 11/2° 9441' Desert 12047 606 Spring cany 12767 MR 11281 12967 1526 Survey 24.00 Grassy 12167 TD 726' 1000 **BKG GAS** P/U 230 LITH: 2350 TRIP 15 TO 20' /DRLG 4' TO 6' GAS BUSTER **VENTING CONN GAS S/O** 215 FLARE: 3506' KB **PEAK GAS** 8000 LAST CSG. RAN: 8 5/8" SET @ ROT. TRIP GAS 8000 FUEL Scott Allred Used: 777 On Hand: 3182 Co.Man B/S RP BIT# ICS ocs DC LOC G ODC 8

WT

N/C

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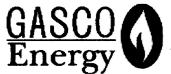
NO

PR



GPS N 40° 01.518', W 109° 48.675' **KB 17'** AFE # 40131 Davs since spud: Date: Permit Depth: Prog Depth: 6/29/2007 18 12,967 FED 14-17-9-19 13,161 DRLG **Current: Operations:** Castlegate AV ROP 19.7 Formation: 464' D Hrs: 23.5 Depth: 11905 Prog: \$1,489,348 TDC: \$50,780 TMC: \$63,195 \$2.067 DMC: INTANGIBLE COST MI DRLG FLUIDS TANGIBLE COST NABORS 611 Mud Co: Contractor: Bit#: \$ Loc.Cost: #1 F-1000 3.5 gpm 9 Conductor: MW: 10.5 \$ 7 7/8 \$ Rig Move: Size: Surf. Csg: VIS: 45 SPM: \$ 19,900 \$ Day Rate: 506zx+ Type: Int. Csg: PV/YP: 11/29 #2 F-1000 3.5 gpm Rental Tools: \$ 2,076 \$ MFG: HTC Prod Csg: Gel: 14/31 SPM: \$ \$ 5,521 Truckina: GPM: 400 S/N: 7114929 Float Equp: WL: 18 \$ 1250 Jets: 6X16 Well Head: \$ Water: 1/ Press: Cake: \$ 14,841 TBG/Rods: \$ Fuel: Depth out: AV DC: 375 Solids: 11 \$ MI Pit system 11281 Packers: \$ AV DP: 203 Depth in: MBT: 12.5 \$ Tanks: \$ Logging/Survey FTG: PH: 7.6 JetVel: 130 624 \$ Cement .00/7.0 ECD: 11.2 Hrs: 31.0 Separator: \$ Pf/Mf: FPH: Heater: \$ Bits: \$ 50/400 20.1 13400 SPR #1: Chlor: **Mud Motors** \$ Pumping L/T: <40 SPR #2: 46/340 WOB: 15/26 \$ Ca: 100 \$ Prime Mover: \$ Corrosion: Btms. Up: R-RPM: 55/76 52 DAP 4.5 1,000 \$ Consultant: M-RPM: N/A Misc: \$ Total D.T. Time Break Down: 2,067 \$ 305.5 Daily Total: \$ 5,521 **Drilling Mud:** END TIME 5.5 Total Rot. Hrs: START Misc. / Labor: \$ 5.275 DRLG 11441' TO 11630' (189' @ 25 FPH) 7:30 06:00 13:30 \$ Camp Exp: 14:00 0:30 RIG SERVICE 13:30 \$ 45,259 Daily Total: DRLG 11630' TO 11905' (275' @ 17 FPH) 14:00 06:00 16:00 Cum. Wtr: \$ 24,022 \$ 43.594 Cum. Fuel 164,000 Cum. Bits: BHA 1.00 7 7/8 BIT 4.00 BIT SIB 6" 634.85 21 DC's 12267 362' Wasatch 5532 Sunnyside 12517' 612' 9387 0, Kenilworth Mesaverde 639.85 Aberdeen 12632' 727' TOTAL BHA = 11847 -58 Castlegate 9441 862' Survey 11/2° 12047 Spring cany 12767 Desert 142' 1075 Survey MR 11281' 12980 12167' 262 TD 24.00 Grassy 1800 **BKG GAS** LITH: P/U 235 GAS BUSTER VENTING CONN GAS 3000 FLARE: DRLG 4' TO 6' S/O 215 3000 LAST CSG. RAN: 8 5/8" SET@ 3506' KB **PEAK GAS** ROT. 226 TRIP GAS Co.Man Scott Allred 1050 6211 On Hand: **FUEL** Used: ODC RP DC LOC B/S G ocs ICS BIT# 9 CONDITION

## CONFIDENTIAL

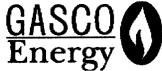


# GASCO ENERGY DAILY DRILLING REPORT

Well:		Permit De	KB 17'	Prog Depth		# 40131 Date:			Days since spu		W 109° 48.675'
	14-17-9-19			_		Date.	6/30/2007		Lays since spe	10. 19	
			13,161'	12,	967	TDID IN	N HOLE		<u> </u>	19	
Current: O		Inno er	001	D Hrs:	00.5	,	4.2	Formation		stleg	ate
Depth:	12003'	Prog:	98'		23.5	AV ROP:			: Ca	stieg	
DMC:	\$5,23		TMC:	\$68,432	141501		TDC:	\$60,268	10177.00		\$1,549,616
Contractor		NABORS 6		Mud Co:	r	FLUIDS	TANGIBLE		<del></del>	GIBLE	COST
MW:	10.3	#1 F-1000		Bit #:	9	10	Conductor:	\$ -	Loc,Cost:		<u>\$</u> -
VIS:	44	SPM:	114	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:		<u> </u>
PV/YP:	13/20	#2 F-1000	3.5 gpm	Туре:	506zx+	506zx+	Int. Csg:	<u> </u>	Day Rate:		\$ 19,900
Gel:	11/24/	SPM:		MFG:	HTC	HTC	Prod Csg:	\$ -	Rental Tools:		\$ 2,076
WL:	15.2	GPM:	400	S/N:	7114929	7114933	Float Equp:	\$ -	Trucking:		\$ -
Cake:	1/	Press:	1250	Jets:	6X16	6X16	Well Head:	\$ -	Water:		\$ -
Solids:	11	AV DC:	375	Depth out:	12003		TBG/Rods:	\$ -	Fuel:		\$ -
MBT:	12.5	AV DP:	203	Depth in:	11281	12003	Packers:	\$ -	MI Pit system		\$ -
PH:	7.6	JetVel:	130	FTG:	722		Tanks:	\$ -	Logging/Surve	у	\$ -
Pf/Mf:	.00/7.0	ECD:	10.82	Hrs:	54.5		Separator:	<b>\$</b> -	Cement		\$ -
Chlor:	14100	SPR #1:	50/400	FPH:	13.2		Heater:	\$ -	Bits:		\$ 30,000
Ca:	<40	SPR #2 :	46/340	WOB:	15/26		Pumping L/T:	\$ -	Mud Motors	•	\$ -
DAP	4.5	Btms. Up:		R-RPM:	55/76		Prime Mover:	\$ -	Corrosion:		\$ 100
	Time Break Dow	<u> </u>	Total D.T.	M-RPM:	N/A		Misc:	\$ -	Consultant:		\$ 1,000
START	END	TIME	8	Total Rot. H		329.0	Daily Total:	\$ -	Drilling Mud:		\$ 5,237
06:00	11:00	5:00	DRLG 11905' TO			<u> </u>	puny rotal.		Misc. / Labor:		\$ 1,700
		t	<del>                                     </del>	11902 ( 7	/ W ISFFI	<u> </u>			Camp Exp:		\$ 1,766
11:00	11:30 14:00	0:30 2:30	RIG SERVICE DRLG 11982' TO	120021 (2	1'@ 0 EDL	1/			Daily Total:		\$ 60,268
11:30	<del>†                                      </del>	+				<u>'</u>					
14:00	14:30	0:30	DROP SURVEY AN	ND PUMP PIL	L (3°)				Cum. Wtr:		\$ 24,022
14:30	20:00	5:30	ТООН	0115011115		0 (0000)			Cum. Fuel		\$ 43,594
20:00	21:00	1:00	CHANGE BIT AND	CHECK WE	AR BUSHIN	G (GOOD)	-		Cum. Bits:		\$ 194,000
21:00	23:00	2:00	TRIP TO SHOE							BHA	r
23:00	00:30	1:30	CUT AND SLIP DR	LG LINE					ВІТ	7 7/8	
00:30	03:00	2:30	DOWN TIME; CHA	NGE LOW G	EAR CHAIN	I IN DRAWY	VORKS		BIT SIB		4.00
03:00	06:00	3:00	TIH						21 DC's	6"	634.85
			Wasatch	5532'	0'	Sunnyside	12267'	264'			
			Mesaverde	9387'	0'	Kenilworth	12517'	514'			
			Castlegate	11847'	0'	Aberdeen	12632'	629'	TOTAL BHA =		639.85
			Desert	12047'	44'	Spring cany		764'	Survey	MR	11281'
		24.00	Grassy	12167'	164'	TD	12980'	977'	Survey	3°	12003'
D/I I	225	27.00	LITH:	12101					BKG GAS		1800
P/U	235			DDI C 5' TO	) o'		CAS BUSTED	VENTING	CONN GAS		3000
S/O	215		FLARE:	DRLG 5' TC		CET 🖨	GAS BUSTER	VENTING			
ROT.	226	F07	LAST CSG. RAN:		8 5/8"	SET @	3506' KB		PEAK GAS		3000
FUEL	Used:	527	On Hand:	5684	50	Co.Man	Scott Allred		TRIP GAS	DD.	<u> </u>
BIT#			ICS	ocs	DC	LOC	B/S	G	ODC	RP	
CO	NDITION		2	2	WT	N	Х	l l	CT	PR	l



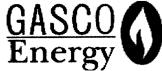
AFE # 40131 GPS N 40° 01.518', W 109° 48.675' **KB 17'** Date: Days since spud: Prog Depth: Permit Depth: 20 7/1/2007 12.967 FED 14-17-9-19 13,161' DRLG Current: Operations: AV ROP: 19.1 Formation: Kenilworth 21.0 402' D Hrs: Depth: 12405 Prog: \$1.579.747 \$30,131 TDC: TMC: \$70,362 DMC: \$1,930 TANGIBLE COST INTANGIBLE COST MI DRLG FLUIDS Mud Co: Contractor: NABORS 611 \$ Loc,Cost: \$ #1 F-1000 3.5 gpm Bit #: 10 Conductor: MW: 10.4 \$ 7 7/8 \$ Rig Move: 114 Size: Surf. Csg: VIS: 42 19,900 \$ 506zx+ Int. Csg: \$ Day Rate: #2 F-1000 3.5 gpm Type: PV/YP: 9/20 Rental Tools: \$ 5,076 \$ HTC SPM: MFG: Prod Csg: 2/22/ Gel: \$ \$ Trucking: GPM: S/N: 7114933 Float Equp: 400 WL: 18 \$ Water: Well Head: \$ 1/ Press: 1250 Jets: 6X16 Cake: \$ Fuel: TBG/Rods: \$ AV DC: 375 Depth out: Solids: 11.5 \$ Packers: \$ MI Pit system AV DP: 203 Depth in: 12003 MBT: 12.5 \$ Logging/Survey 130 FTG: 402 Tanks: \$ 7.6 JetVel: PH: Cement \$ Separator: \$ Hrs: 21.0 10.82 Pf/Mf: .00/6.5 ECD: \$ Bits: FPH: 19.1 Heater: SPR #1: 50/400 Chlor 14500 Mud Motors \$ Pumping L/T: \$ WOB: SPR #2: 46/340 15/26 Ca: 40 Corrosion: \$ 100 Prime Mover: Btms. Up: 56 R-RPM: 55/76 \$ DAP \$ 1.000 M-RPM: N/A Misc: \$ Consultant: Total D.T. Time Break Down: Drilling Mud: \$ 1,930 350.0 Daily Total: \$ TIME Total Rot. Hrs: START **END** \$ 1,700 Misc. / Labor: 1:30 CONT. TIH 06:00 07:30 \$ 425 WASH TO BOTTOM 11902' TO 12003' ( NO FILL) Camp Exp: 08:30 1:00 07:30 30,131 Daily Total: \$ DRLG 12003' TO 12137' ( 134' @ 17 FPH) 16:30 8:00 08:30 \$ 24.022 Cum. Wtr: 0:30 RIG SERVICE 16:30 17:00 43,594 Cum. Fuel DRLG 12137' TO 12405' ( 268' @ 21 FPH) 17:00 06:00 13:00 194,000 Cum. Bits: BHA 7 7/8 1.00 BIT 4.00 BIT SIB 634.85 6" 21 DC's 12267 0' Sunnyside 5532 0' Wasatch 12517' 112' 9387 0, Kenilworth Mesaverde 639.85 TOTAL BHA = 227' Castlegate 11847' 0, Aberdeen 12632 11281 MR 362' Survey 12047 O' Spring cany 12767 Desert 12003 3° 24.00 12980' 575' Survey 12167 0' Grassy **BKG GAS** 700 250 LITH: P/U 1000 **CONN GAS** Y/V TRIP 15 TO 30' /DRLG 5' TO 8' **GAS BUSTER** FLARE: SIO 220 8900 **PEAK GAS** LAST CSG. RAN: 8 5/8" SET @ 3506' KB ROT. 233 TRIP GAS 8900 On Hand: 4621 Co.Man **Scott Allred** 1007 FUEL Used: B/S G ODC RP DC LOC ICS ocs 10 BIT# CONDITION



GPS N 40° 01.518', W 109° 48.675' AFE # 40131 **KB 17'** Days since spud: Date: **Prog Depth:** Permit Depth: 21 7/1/2007 12,967 FED 14-17-9-19 13,161' DRLG **Current: Operations:** AV ROP: 20.8 Formation: Spring canyon 23.5 Prog: 489' D Hrs: 12894 Depth: \$1,610,139 \$75,978 TDC: \$30,392 \$5,616 TMC: DMC: TANGIBLE COST INTANGIBLE COST MI DRLG FLUIDS Mud Co: Contractor: NABORS 611 Loc,Cost: 10.4 #1 F-1000 3.5 gpm Bit #: 10 Conductor: \$ \$ MW: \$ 7 7/8 \$ Rig Move: 42 114 Size: Surf. Csa: VIS: 506zx+ Int. Csg: \$ Day Rate: \$ 19,900 #2 F-1000 3.5 gpm 10/23 Туре: PV/YP: Rental Tools: \$ 2,076 MFG: HTC \$ 7/19/ SPM: Prod Csg: Gel: Trucking: \$ 400 S/N: 7114933 Float Equp: \$ GPM: WL: 14.4 Water: \$ 1/ Press: 1650 Jets: 6X16 Well Head: \$ Cake: \$ Depth out: TBG/Rods: \$ Fuel: 11.5 AV DC: 378 Solids: \$ 12003 Packers: \$ Casing Crew: MBT: 12.5 AV DP: 204 Depth in: Tanks: \$ Logging/Survey \$ FTG: 891 7.4 109 PH: JetVel: \$ Cement 10.9 Hrs: 44.5 Separator: \$ Pf/Mf: .00/6.90 ECD: Bits: \$ FPH: 20.0 Heater: \$ SPR #1: 50/400 Chlor: 13900 **Mud Motors** \$ Pumping L/T: SPR #2: 46/340 WOB: 15/26 \$ Ca: 40 100 Corrosion: \$ 4.5 Btms. Up: 57 R-RPM: 55/76 Prime Mover: \$ DAP M-RPM: N/A Misc: Consultant: \$ 1,000 Time Break Down: Total D.T. \$ 5,616 **Drilling Mud:** 373.5 TIME 8 Total Rot. Hrs: Daily Total: \$ **START END** \$ 1,700 DRLG 12405' TO 12584' ( 197' @ 22 FPH) Misc. / Labor: 8:00 06:00 14:00 Camp Exp: \$ 0:30 14:00 14:30 RIG SERVICE DRLG 12584' TO 12894' ( Daily Total: \$ 30.392 310' @ 20 FPH) 14:30 06:00 15:30 24,022 Cum. Wtr: \$ 43,594 Cum. Fuel \$ 194,000 Cum. Bits: BHA 7 7/8 1.00 BIT 4.00 BIT SIB 634.85 6" 21 DC's Feet To Go Feet To Go Depth Depth 12267 0' 5532' 0, Sunnyside Wasatch Kenilworth 12517' 0' Mesaverde 9387 O' TOTAL BHA = 639.85 11847 0, Aberdeen 12632 0. Castlegate MR 11281 12047 U, Spring cany 12767' 0' Survey Desert 12003 3° 12980 86' Survey 24.00 12167 0, Grassy 1500 **BKG GAS** P/U 252 LITH: 2500 GAS BUSTER VENTING CONN GAS FLARE: **DRLG 5' TO 8'** S/O 225 **PEAK GAS** 3900 ROT. 239 LAST CSG. RAN: 8 5/8" SET @ 3506' KB TRIP GAS N/A 1367 On Hand: 3310 Co.Man **Scott Allred FUEL** Used: B/S ODC RP DC LOC G 10 **ICS** ocs BIT# CONDITION



GPS N 40° 01.518', W 109° 48.675' KB 17' AFE # 40131 Days since spud: Well: Permit Depth: Prog Depth: Date: 7/3/2007 22 12,967 FED 14-17-9-19 13,161 LOGGING Current: Operations: TD- Spring canyon 12980' Prog: 86' D Hrs: 4.5 AV ROP: 19.1 Formation: Depth: \$1.517.076 \$3,234 TMC: \$79,212 TDC: \$36,362 DMC: TANGIBLE COST INTANGIBLE COST NABORS 611 Mud Co: MI DRLG FLUIDS Contractor: Loc,Cost: \$ Bit #: \$ #1 F-1000 3.5 gpm 10 MW: 10.5 Conductor: \$ \$ Rig Move: Size: 7 7/8 Surf. Csg: VIS: 47 114 \$ 19,900 \$ Day Rate: 506zx+ PV/YP: 10/14 #2 F-1000 3.5 gpm Type: Int. Csg: \$ 2,076 Rental Tools: MFG: HTC Prod Csg: \$ Gel: 12/26/ \$ Trucking: \$ GPM: 400 S/N: 7114933 Float Equp: WL: 16.8 6X16 Well Head: \$ Water: \$ Cake: 1/ Press: 1650 Jets: TBG/Rods: \$ Fuel: \$ 8,352 AV DC: 378 Depth out: Solids: 11.5 Casing Crew: \$ 12003 Packers: \$ MBT: 12.5 AV DP: 204 Depth in: \$ Tanks: \$ Logging/Survey 109 FTG: 977 PH: 7.4 JetVel: Cement \$ 49.0 Separator: \$ Pf/Mf: .00/7.10 ECD: 11.1 Hrs: Bits: \$ Heater: \$ 50/400 FPH: 19.9 13900 SPR #1: Chlor **Mud Motors** \$ 46/340 WOB: 15/26 Pumping L/T: \$ <40 SPR #2 : Ca: 100 R-RPM: 55/76 Prime Mover: Corrosion: \$ 60 Btms. Up: DAP 4.5 1,000 Consultant: \$ Misc: \$ Time Break Down: Total D.T. M-RPM: N/A 3,234 TIME Total Rot. Hrs: 378.0 Daily Total: \$ Drilling Mud: \$ START **END** R Misc. / Labor: \$ 1,700 DRLG 12894' TO 12980' ( 86' @ 19 FPH) 10:30 4:30 06:00 \$ CIRC. AND COND. HOLE FOR LOG AND CASING Camp Exp: 10:30 13:00 2:30 36,362 Daily Total: \$ 16:00 TOOH LAY DOWN DRILL PIPE 13:00 3:00 Cum. Wtr: \$ 24,022 RIG SERVICE 16:00 16:30 0:30 Cum. Fuel \$ 51,946 TOOH LAY DOWN DRILL PIPE 16:30 22:30 6:00 194,000 Cum. Bits: **BREAK DOWN KELLY** 24:00 1:30 22:30 BHA 24:00 02:00 2:00 LAY DOWN BHA RU PSI LOGGING UNIT TO RUN LOGS 02:00 06:00 4:00 LOGS TO BOTTOM @04:00 12970' TD WELL ON 7/02/2007 @ 10:30 am Feet To Go Depth Feet To Go Depth 12267 0, Sunnyside Wasatch 5532 0, Kenilworth 12517 0, 9387 0, Mesaverde 0.00 TOTAL BHA = Aberdeen 12632 0, 11847 O, Castlegate 12003 3° O' Survey 12047 Spring cany 12767 Desert 0' 12980 2° 12980 0, Survey 24.00 Grassy 12167 0' TD 1500 **BKG GAS** LITH: P/U 252 2500 **GAS BUSTER VENTING CONN GAS** FLARE: **DRLG 5' TO 8'** S/O 225 3900 3506' KB **PEAK GAS** LAST CSG. RAN: 8 5/8" SET@ ROT. 239 TRIP GAS N/A 3310 Co.Man **Scott Allred** FUEL Used: 1367 On Hand: ODC RP B/S G 10 ICS ocs DC LOC BIT# TD NO CONDITION NO Х 1



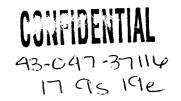
GPS N 40° 01.518', W 109° 48.675' **KB 17'** AFE # 40131 Days since spud: Date: Well: Permit Depth: **Prog Depth:** 7/4/2007 23 12,967 FED 14-17-9-19 13,161' REPLACE CASING HANGER **Current: Operations:** TD- Spring canyon Formation: Prog: D Hrs: AV ROP: 19.1 12980' 86' Depth: \$1,580,850 TDC: \$63,774 TMC: \$86,952 \$7,740 DMC: INTANGIBLE COST TANGIBLE COST MI DRLG FLUIDS NABORS 611 Mud Co: Contractor: Loc,Cost: \$ Bit#: \$ 10 MW: 10.5 #1 F-1000 3.5 gpm Conductor: Rig Move: \$ \$ VIS: 47 SPM: 114 Size: 7 7/8 Surf. Csg: \$ Day Rate: \$ 19,900 #2 F-1000 3.5 gpm 506zx+ Int. Csg: PV/YP: 10/14 Type: Rental Tools: \$ 2,632 \$ MFG: HTC Prod Csg: Gel: 12/26/ SPM: \$ Trucking: \$ S/N: 7114933 Float Equp: 16.8 GPM: 400 WL: 1,793 Well Head: \$ 1.323 Water: \$ Press: 1650 Jets: 6X16 1/ Cake: TBG/Rods: Fuel: \$ Depth out: \$ 11.5 AV DC: 378 Solids: Casing Crew: \$ 26.070 12003 Packers: \$ 204 Depth in: AV DP: MBT: 12.5 Tanks: \$ Logging/Survey \$ 109 FTG: PH: 7.4 JetVel: 977 \$ Cement 49.0 Separator: \$ Pf/Mf: .00/7.10 ECD: 11.1 Hrs: Bits: \$ Heater: 13900 SPR #1: 50/400 FPH: 19.9 \$ Chlor: \$ Mud Motors SPR #2 : 46/340 WOB: 15/26 Pumping L/T: \$ <40 Ca: 100 \$ Btms. Up: 60 R-RPM: 55/76 Prime Mover: Corrosion: 4.5 DAP Consultant: \$ 1,000 M-RPM: N/A Misc: \$ Time Break Down: Total D.T. 7,740 \$ 378.0 Daily Total: \$ 1,323 **Drilling Mud:** TIME Total Rot. Hrs: END 8 **START** Misc. / Labor: \$ 2.666 08:00 06:00 2:00 RD LOGGING UNIT \$ 550 Camp Exp: 08:30 0:30 PULL WEAR BUSHING 08:00 62,451 Daily Total: \$ 08:30 10:30 2:00 RU CALIPER CASING RUN 298 JT. OF 4½ 13.5# P-110 CASING- LANDED @ 12965' Cum. Wtr: \$ 25,815 10:30 21:30 11:00 \$ 51,946 Cum. Fuel CIRC. OUT GAS FOR CEMENT 3:00 21:30 00:30 194,000 HANGER HUNG UP IN BOP AND BROKE OFF LANDING JT. DROP 18" Cum. Bits: 00:30 06:00 5:30 BHA WO SPEAR/ MU MU SPEAR LATCH ONTO CASING PICK UP SET SLIPS REPLACE CASING Feet To Go Depth Feet To Go Depth Sunnyside 12267 0, Wasatch 5532 0' Kenilworth 12517 0, 9387 0, Mesaverde 0.00 Aberdeen 12632 ٥, TOTAL BHA = 0, 11847 Castlegate 12003 U, Survey 3° 12767 12047 Spring cany Desert 0, 2° 12980' 0' Survey 12980 12167 O' TD 24.00 Grassy 1500 **BKG GAS** LITH: P/U 252 2500 GAS BUSTER **VENTING CONN GAS** FLARE: **DRLG 5' TO 8'** S/O 225 **PEAK GAS** 3900 8 5/8" SET @ 3506' KB LAST CSG. RAN: ROT. 239 Co.Man **Scott Allred** TRIP GAS N/A 3310 1367 On Hand: **FUEL** Used: ODC RΡ DC LOC B/S G ocs BIT# 10 **ICS** NO TD Χ NO Α CONDITION 1



GPS N 40° 01.518', W 109° 48.675' AFE # 40131 **KB 17'** Days since spud: Well: Permit Depth: Prog Depth: Date: 7/5/2007 12,967 24 FED 14-17-9-19 13,161' **RIG DOWN** Current: Operations: TD- Spring canyon Prog: 12980' 86' D Hrs: 4.5 AV ROP: 19.1 Formation: Depth: \$1,627,697 TDC: \$110,621 DMC: \$0 тмс: \$79,212 **INTANGIBLE COST** Mud Co: MI DRLG FLUIDS **TANGIBLE COST** NABORS 611 Contractor: Loc,Cost: \$ Bit#: 10 \$ #1 F-1000 3.5 gpm Conductor: MW: 10.5 \$ 7 7/8 \$ Rig Move: SPM: 114 Size: Surf. Csg: VIS: 47 \$ 19,900 506zx+ \$ Day Rate: #2 F-1000 3.5 gpm Int. Csg: PV/YP: 10/14 Type: 2.632 **Rental Tools:** \$ 12/26/ MFG: HTC Prod Csg: \$ Gel: \$ Trucking: \$ GPM: 400 S/N: 7114933 Float Equp: WL: 16.8 \$ 6X16 Well Head: \$ Water: 1/ Press: 1650 Jets: Cake: TBG/Rods: \$ Fuel: \$ Depth out: AV DC: 378 Solids: 11.5 Casing Crew: \$ 12003 Packers: \$ MBT: 12.5 AV DP: 204 Depth in: Tanks: Logging/Survey \$ FTG: 977 \$ PH: 7.4 JetVel: 109 84,423 Separator: \$ Cement \$ Pf/Mf: .00/7.10 ECD: 11.1 Hrs: 49.0 Bits: \$ 50/400 FPH: 19.9 Heater: \$ 13900 SPR #1: Chlor: 46/340 WOB: 15/26 Pumping L/T: **Mud Motors** \$ SPR #2: <40 Ca: Btms. Up: R-RPM: 55/76 Prime Mover: Corrosion: \$ 60 DAP 4.5 1,000 Misc: Consultant: \$ N/A Time Break Down: Total D.T. M-RPM: \$ \$ TIME Total Rot. Hrs: 378.0 Daily Total: \$ **Drilling Mud:** END 8 START Misc. / Labor: \$ 2,666 RELAND CASING 06:00 06:30 0:30 \$ CIRC. OUT GAS FOR CEMENT Camp Exp: 06:30 09:00 2:30 110,621 Daily Total: \$ RU SUHLUMBERGER AND CEMENT 4½ PRODUCTION CASING WITH 12:30 3:30 09:00 20 BBLS. CW100, 630 SKS HI-LIFT + ADD LEAD (YIED=3.04 H2O=18.4 GL/SK Cum. Wtr: \$ 25,815 12:30 Cum. Fuel \$ 51,946 @ 11.5 PPG.) 1855 SKS 50/50 POZ G+ ADDS TAIL ( YIELD = 1.28 H20= 5.91 0 194,000 GL/SK @ 14.1 PPG.)DISPLACE W/ KCL WATER 192 BBLS BUMP PLUG Cum. Bits: 0 BHA W/ 1000 PSI HELD 0 CLEAN MUD TANKS RIG RELEASED @ 17:00 HR. ON 7/4/2007 4:30 12:30 17:00 13:00 RIG DOWN FLOOR 17:00 06:00 06:00 0 0 0 0 0 0 0 0.00 TOTAL BHA = 0 3° 12003 Survey 2° 12980' Survey 24.00 1500 **BKG GAS** LITH: P/U 252 GAS BUSTER VENTING CONN GAS 2500 DRLG 5' TO 8' S/O 225 FLARE: 3900 **PEAK GAS** SET@ 3506' KB LAST CSG. RAN: 8 5/8" ROT. 239 N/A Scott Allred TRIP GAS 3310 Co.Man 1367 On Hand: **FUEL** Used: B/S ODC RP LOC DC G BIT# 10 **ICS** ocs TD Χ NO CONDITION NO Α 1



**KB 17'** AFE # 40131 GPS N 40° 01.518', W 109° 48.675' Well: Permit Depth: Prog Depth: Date: Days since spud: 13,161' 12,967 7/6/2007 25 FED 14-17-9-19 **RIG DOWN** FINAL REPORT **Current: Operations:** Prog: AV ROP Formation: Spring canyon Depth: 12980' 86' D Hrs: 4.5 19.1 TDC: \$142,102 \$1,833,573 \$0 TMC: \$79,212 DMC: NABORS 611 Mud Co: MI DRLG FLUIDS **TANGIBLE COST INTANGIBLE COST** Contractor: Bit#: MW: 10.5 #1 F-1000 3.5 gpm 10 Conductor: \$ Loc,Cost: \$ 7 7/8 \$ Rig Move: \$ VIS: 47 SPM: 114 Size: Surf. Csg: 138,100 \$ \$ 506zx+ Day Rate: PV/YP: 10/14 #2 F-1000 3.5 gpm Type: Int. Csg: 1,500 MFG: HTC \$ Rental Tools: \$ Gel: 12/26/ Prod Csg: WL: 16.8 GPM: 400 S/N: 7114933 Float Equp: \$ Trucking: \$ 1/ Press: 1650 Jets: 6X16 Well Head: \$ Water: \$ Cake: \$ AV DC: Depth out: TBG/Rods: \$ Fuel: Solids: 11.5 378 \$ MBT: 12.5 AV DP: 204 Depth in: 12003 Packers: \$ Casing Crew: FTG: Logging/Survey \$ PH: 7.4 JetVel: 109 977 Tanks: \$ Pf/Mf: .00/7.10 ECD: 11.1 Hrs: 49.0 Separator: \$ Cement \$ \$ FPH: Bits: Chlor 13900 SPR #1: 50/400 19.9 Heater: \$ <40 SPR #2: 46/340 WOB: 15/26 Pumping L/T: \$ **Mud Motors** \$ Ca: Btms. Up: R-RPM: 55/76 Prime Mover: Corrosion: \$ 4.5 60 \$ DAP 1,000 Time Break Down: Total D.T. M-RPM: N/A Misc: \$ Consultant: \$ Total Rot. Hrs: END TIME 378.0 Daily Total: \$ **Drilling Mud:** \$ START 1,502 RIG DOWN AND MOVE TO THE FED 12-19-9-19 Misc. / Labor: \$ 20:00 14:00 06:00 20:00 100% OFF LOCATION Camp Exp: \$ 142,102 0 Daily Total: \$ Cum. Wtr: \$ 25,815 0 Cum. Fuel 51,946 \$ 0 Cum. Bits: \$ 194,000 0 ВНА 0 0 0 0 0 0 0 0 0 0 0 TOTAL BHA = 0.00 0 12003' Survey 3° 2° 12980' 0.58 Survey 1500 P/U LITH: **BKG GAS** 252 **DRLG 5' TO 8'** GAS BUSTER **VENTING CONN GAS** 2500 S/O 225 FLARE: 3506' KB **PEAK GAS** 3900 LAST CSG. RAN: 8 5/8" SET@ ROT. 239 TRIP GAS N/A **Scott Allred FUEL** Used: 1367 On Hand: 3310 Co.Man B/S ODC RP ocs DC LOC G BIT# ICS 10 CONDITION



September 14, 2007

State of Utah Division of Oil, Gas, and Mining 1594 West Temple North Suite 1210 Salt Lake City, Utah 84114-5801

### Re: Well Information - FEDERAL 14-17-9-19

Enclosed with this letter are Mudlogs, and an Evaluation for the FEDERAL 14-17-9-19 well. The following copies are included, as per your instructions:

Description	Copies
Mudlog (1" MD)	1

I would like to take this opportunity to thank you for the confidence you have shown in our organization by allowing us to assist you on these important projects. If I can be of any future assistance, please do not hesitate to call me at your convenience.

Most sincerely,

Kevin Romey

Gulf Coast DML Manager

337-364-2322 - Office

337-519-8428 - Cellular

RECEIVED SEP 1 8 2007 Form 3160- 5 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR

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	BUREAU OF LAND M	ANAGEMEN	Τ		Expires March 31, 2007
SU Do i	NDRY NOTICES AND RE	EPORTS ON	WELLS	5. Lease Se	U-16544
aban	doned well. Use Form 3160-3 (	(APD) for such	proposals.	0. If Indian.	Allottee, or Tribe Name NA
1 Type of Well	RIPLICATE - Other Instruction	ons on reverse	side.	7. If Unit or	CA Agreement Name and/or No NA
Oil Well X Gas Well	Other			8 Well Nan	ne and No
2 Name of Operator				-	Federal 14-17-9-19
Gasco Production Company	У			9. API Well	
3a Address  8 Invorpose Drivo Cost Cto	100 C 1 1 0 00112	3b Phone No tm			43-047-37116
8 Inverness Drive East Ste 4 Location of Well (Footage, Sec. )	100 Englewood, Co 80112	303-	483-0044	10 Field and	J Pool, or Exploratory Area
					Riverbend
619' FSL &	671' FWL SW SW of Section	on 17-T9S-R19	Æ		or Parish, State
12 CHECK ADDROV	DDIATE DANGE TO DISCOUR				Jintah County, Utah
	PRIATE BOX(S) TO INDICAT	E NATURE O	NOTICE, REPO	RT, OR OTI	HER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION		
Notice of Intent	Acidize	Deepen	Production (	Start/ Resume)	Water Shut-off
		•		man resume)	water Shin-off
[V]		Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other Update
	Change Plans	Plug and abandon	Temporarily /	Abandon	Status
Final Abandonment Notice	Convert to Injection	Plug back		•	· · · · · · · · · · · · · · · · · · ·
	perations (clearly state all pertinent do	•	Water Dispos		
testing has been completed. Final determined that the site is ready for This well was spud of	work will be performed or provide the red operations. If the operation results I Abandonment Notices shall be filed of final inspection.  On 6/1/07. TD was reach apletion.	only after all requi	rements, including rec	i in a new inter- lamation, have	val. a Form 3160-4 shall be filed once been completed, and the operator has is well is shut
prices in th	e area. We expect to star		d: neen delaye	a aue no i	ne low gas
,	<i>,</i>		g min men une	rana 12-1	
14 Thereby certify that the foregoing is	true and correct		<del></del>		
lame (Printed Typed)		Title			
Beverly Walker		Title	Eng	gineering To	echnician
Signature Della Le	, walke	Date		October 30.	
	THIS SPACE FOR FE	DERAL OR S	TATE OFFICE U	SE	
pproved by	ed Approval of this notice does not wan	Title		n	ale
communicate approval it any are attach	cu. Approvat of this notice does not war	rrant or			

Conditions of approval. If any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease of the would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160- 5 (April 2004)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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FORM APPROVED

OMB No. 1004-0137 Expires: March 31, 2007

Lease Serial No.

Do n	NDRY NOTICES AND RE ot use this form for proposals loned well. Use Form 3160-3 (	to drill or to re-	enter an	6. If Indian, All	U-16544 ottee, or Tribe Name NA
SUBMIT IN TR	IPLICATE - Other Instructio	ns on reverse s	ide.	7. If Unit or CA	A. Agreement Name and/or No.
1. Type of Well Oil Well X Gas Well	Other			8. Well Name a	NA and No.
2. Name of Operator				Fe	ederal 14-17-9-19
Gasco Production Company	,			9. API Well No	).
3a. Address		3b. Phone No. (mch	ide area code)	7	43-047-37116
8 Inverness Drive East Ste 1	00 Englewood, Co 80112	303-48	83-0044	10. Field and Pe	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T.	. R. M., or Survey Description)			1	Riverbend
619' FSL &	671' FWL SW SW of Section	on 17-T9S-R19E	3	11. County or P	Parish, State ntah County, Utah
12. CHECK APPROI	PRIATE BOX(S) TO INDICA	TE NATURE OF	NOTICE, REPO	RT, OR OTHE	R DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize	Deepen	Production (	Start/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other Update
	Change Plans	Plug and abandon	Temporarily	Abandon	Status
Final Abandonment Notice	Convert to Injection	Plug back	Water Dispos	sal	
13. Describe Proposed or Completed (	Operations (clearly state all pertinent of	details, including estin	nated starting date of	any proposed wo	rk and approximate duration thereof

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

This well was spud on 6/1/07. TD was reached on 7/3/07. At the current time this well is shut in waiting on completion. Completion procedures have been delayed due to the low gas prices in the area and lack of frac crews. We expect to start completing this well around 1/25/08

> RECEIVED NOV 3 0 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.					
Name (Printed Typed)	1				
Beverly Walker	Title	Engineering Technician			
Signature Dece Ce je le la la Ca	Date	November 28, 2007			
/ THIS SPACE FOR FE	DERAL OR STAT	TE OFFICE USE			
Approved by	Title	Date			
Conditions of approval. if any are attached. Approval of this notice does not wa					
certify that the applicant holds legal or equitable title to those rights in the subjective	ct lease Office				
which would entitle the applicant to conduct operations	thereon.				
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a company of the section 1212 and the section 1212 are section 1212.	crime for any person kno	nowingly and willfully to make any department or agency of the Unite			
States any false fictitious or fraudulent statements or representations as to any matter	er within its inciediction				

JIV. OF OIL, GAS & MINING

### **GASCO Production Company**

Lease: **Federal 14-17-9-19**Legal: SW SW Sec 17, T9S, R19 E

Uinta County, UT API: 43-047-37116

Drlg CWC: \$1,521,456

Battery and const est: CC 1,834,573

TOC inside surface csg.

**Completion: Full Completion** 

12/20/07 Ran DBL/VDL/CCL/ Gamma Ray log. Good to excellent bond across

pay. Found TOC inside surface csg.

12/30/07 MIRU B&C and psi test csg to 9500 psi, ok.

1/8/08 MIRU JW wireline. RIH w/ 3 1/8" scalloped guns to perf. Perf stage 1

Aberdeen, Kenilworth from 12,604-07, 12,545-48, 12,486-89. SDFD.

(JD) CC \$1,834,573

1/9/08 MIRU Superior ws to frac stage 1, Kenilworth/Aberdeen. -10 degree on

loc. All chemicals tented and heated. Allmand heater on loc for well head. Found 180 SICP after perf. Broke dn perfs @ 5680 w/4.3 bpm. Shut down, 4975 ISIP, .84 FG. Calculated holes open 18. Linear gel fraced well w/#18,600 versaprop, 1,478 bbls linear gel, and flushed w/185 bbls 2% kcl. Dropped (20) 7/8" bio balls, 10 per stage in first 2 sand stages. Saw 0 ball action on first drop, excellent ball action in second drop. 6000 SICP, 4975 ISIP, .84 FG. RU and RIH w/ guns to perf Sunnyside "perf only" from 12,236-12,246". Open well up to fb @ 7:30 p.m. w/4400 FCP on a 12/64 ck. SWI @ 3:00 a.m. w/2500 FCP on a 14/64 ck. Made 675 bbls in

7 ½ hrs. TR 675 bbls, BLWTR 989 bbls. SDFN. (SCE, JD)

1/10/08 SICP 2500. RIH w/plug and guns to perf stage 2 Dessert/Grassy from

12,163-66, 12,100-03, 12,074-77. Set FTFP #1 @ 12,186', and pressure test to #5000. Test good, perf and POOH. RU to frac. Broke dn perfs @ 5805 w/8 bpm. Shutdown to fix hoses. 4313 ISIP, .8 FG. Calculated holes open 11. Hybrid fraced well w/11,500# 20/40 white, 120,000# 20/40 Tempered HS, 2,562 bbl BHT-1 gel, and flushed w/180 bbls 10# linear gel. RU and RIH w/plug and guns to perf Castlegate "perf only" from 11,858-66. POOH. RIH plug and guns. Set FTFP #2 @ 11,774'. Pressure test to 5400 psi, test good. Perf Lower Mesaverde from 11,757-60,

11,726-28, 11,712-14, 11,640-42, 11,622-24. RU to frac. Broke dn perfs @ 5,922 w/4 bpm. Shutdown, 4277 ISIP, .8 FG. Calculated perfs open 13.6. Hybrid fraced well w/#12,500, #1,495,00 Tempered HC, 2908 bbls BHT-1 gel and flushed w/171 bbls 10# linear gel. Shutdown. 4360 ISIP .82 FG. Opened up to fb @ 6:15 p.m. w/4000 FCP on a 12/64 ck. SWI 1/10/08 @ 3:00 a.m. w/3100 FCP on a 14/64 ck. Made 803 bbls in 8 hrs 45 min, TR 1,478 bbls, BLWTR 6080 bbls. SDFN (SCE, JD)

- 1/11/08 Fd SICP 3.600. RU, RIH w/plug and guns. Set FTFP #3 @ 11.490', Press test to 4,600 psi and hold while perf. Perf stage 4 Lower Mesaverde from 11,465-68, 11,260-62, 11,229-32. POOH. RU to frac. Broke dn perfs w/ 6,790 @ 8 bpm. Shutdown, 4644 ISIP, .85 FG. Calculated holes 16 open. Hybrid fraced well w/ #12,000 20/40, #139,000 20/40 Tempered HC, 2,893 bbl 20# BHT-1 gel, and flushed w/167 bbl 10# linear gel. 4,734 ISIP, .86 FG. RU RIH w/plug and guns. Set FTFP #4 @ 11,176, Press test 5,600, test good. Perf stage stage 5 Lower Mesaverde from/ 11,110-14, 11,044-46, 10,931-34, 10,911-13. RU to frac. Broke dn perfs w/7250 @12 bpm. Hybrid fraced well w/ #16,000 20/40 white, #176,000 Tempered HC, 3,348 bbls BHT-1 gel, and flushed w/ 161 bbls #10 linear. Shutdown, 4,442 ISIP, .85 FG. RU RIH w/plug and guns to perf Stage 6 - Dark Canvon. Set 8k FTFP plug #5@ 9498'. Psi test to 1000 over SICP, ok. Perforate f/9344 - 48', 9376 - 79', 9478 - 81', 3 spf. Broke dn perfs @ 8200 psi @ 5 bpm. ISIP 3671. Calc 10 holes open / 27. Hybrid fraced Stg 6 w/ 90,000# 20-40 white sd, and 96,000# 20-40 SB Excell, using 2907 bbls 20# and 18# linear and XL BHT gel. Flushed well w/ 137.4 bbls. ISIP 3790. FG .85. Open well to FB @ 9:15 PM, on 12/64" ck, w/ 3600 SICP. 7:00 AM 1/11/08, Well flowing this AM w/ 3400 FCP, on 14/64" ck. Made 890 bbls in 9 3/4 hrs. TR 2368. BLWTR 14347. (SCE, JD) CC 2,295,488
- 1/12/08 Flowing back this AM w/ 2900 FCP, on 16/64" ck. Made 2318 BW in 24 hrs. TR 4686. BLWTR 12056.
- 1/13/08 Flowing back this AM w/ 2400 FCP, on 16/64" ck. Made 2138 BW in 24 hrs. TR 6824. BLWTR 9918. (SCE)
- 1/14/08 Flowing back this AM w/ 5400 FCP, on 16/64" ck. Made 1544 BW in 24 hrs. TR 8368. BLWTR 8374. (SCE)
- 1/15/08 MI J&R crew to hook up wellhead and sand trap. Split flow @ 3:30 PM, 1/14/08, for first sales, with 10/64" ck at sep and 8/64" ck to FB tk. 3050 FCP. Made 1132 bbls in 24 hrs. TR 9500. BLWTR 7242. (SCE) Updated late costs CC \$2,331,261

Form 3160-5 (April 2004)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004- 0137

Expires: March 31, 2007

SU	. Louis Somm	U-16544			
	ot use this form for proposals loned well. Use Form 3160-3 (/			6. If Indian, Allo	ottee, or Tribe Name NA
SUBMIT IN TR	IPLICATE - Other Instruction	ns on reverse s	ide.	7. If Unit or CA	. Agreement Name and/or No.
. Type of Well Oil Well X Gas Well	Other	MEIDEN		8. Well Name ar	NA nd No.
Name of Operator		<del> </del>	TITL.	Fe	deral 14-17-9-19
Gasco Production Company	199			<ol><li>API Well No.</li></ol>	
3a. Address		3b. Phone No. (inch	ude area code)		43-047-37116
Inverness Drive East Ste	00 Englewood, Co 80112	303-4	83-0044	<ol><li>Field and Po</li></ol>	ol, or Exploratory Area
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)				Riverbend
610' ESI &	671' FWL SW SW of Section	17 TOC D101	_	11. County or Pa	arish, State
019 F3L &	O/I FWL SW SW OI Section	M 17-195-R191		Uir	itah County, Utah
12. CHECK APPROI	PRIATE BOX(S) TO INDICAT	E NATURE OF	NOTICE, REPOR	T, OR OTHE	R DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
X Notice of Intent	Acidize	Deepen	X Production ( St	art/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		Other
	Change Plans	Plug and abandon	Temporarily Al	bandon	

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Water Disposal

This well was started on production on 1/15/2008.

Convert to Injection

14. I hereby certify that the foregoing is true and correct.  Name (Printed/ Typed)	1
Beverly Walker	Title Engineering Technician
Signature / Delection Color / Color	Date January 15, 2008
THIS SPACE FOR FEDE	ERAL OR STATE OFFICE USE
Approved by	Title   Date
	lease Office ereon.
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime	me for any person knowingly and willfully to make any department or age by of the limit

(Instructions on page 2)

Final Abandonment Notice

JAN 2 2 2008

### RECEIVED FEB 1 1 2008

DIV. OF OIL, GAS & MINING

### **GASCO Production Company**

Lease: Federal 14-17-9-19 Legal: SW SW Sec 17, T9S, R19 E Uinta County, UT

API: 43-047-37116

Drlg CWC: \$1,521,456

Battery and const est: CC 1,834,573

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(JD) CC \$1,834,573

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1/11/08

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- 1/15/08 MI J&R crew to hook up wellhead and sand trap. Split flow @ 3:30 PM, 1/14/08, for first sales, with 10/64" ck at sep and 8/64" ck to FB tk. 3050 FCP. Made 1132 bbls in 24 hrs. TR 9500. BLWTR 7242. (SCE) Updated late costs CC \$2,332,102
- 2/2/08 Updated late costs : DC \$33,230 CC \$2,364,095

2/9/08

FD FCP 1,000 psi. MIRU IPS coil tbg. RIH w/3 ¾" Chomper bit+2 7/8" ECTD even wall motor+circ sub+jars. Tag FTFP #1 @ 9,496'. Drill up saw zero psi increase. RIH. Tag FTFP #2 @ 11,121'. Drill up, saw zero psi increase. Returns to pit died off, start pumping N2 @ 300 scf per min. Gained returns to pit again. RIH. Tag FTFP #3 @ 11,483' Drill on plug for 1 hr 45 min, did not make any hole. POOH to check motor and bit. Function test motor on surface and drive shaft was broken. RU 2 7/8" PDM motor and RIH. Lost time was 3 hrs. Tag FTFP #3 again @ 11,483. Drill up saw zero psi increase. RIH. Tag FTFP #4 @ 11,763'. Drill up and saw 200# psi increase. RIH. Tag FTFP #5 @ 12,164'. Drill up and saw 400# psi increase. RIH tag PBTD @ 12,747'. POOH 30' and circulate for 30 min. POOH. SDFD (JD) DC \$73,235 CC \$2,437,330

Form 3160-4 (August 1999)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

OMB NO. 1004-0137 Expires: November 30, 2000

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

											- BS	Mail 3	E Lan	U-16	544	
la. Type of	Well	Oil W			Dry	Ot	her	-			-	6.	If Indian	, Allottee	or Trit	e Name
b. Type of	Completion:		New New		Work Over		Deepen	☐ Pli	ug Back	☐ Diff	Resvr.		Unit or C	N/		lame and No.
			Other									<i>'</i> .	Onn or C	. A Agreer N		ame and No.
2. Name of	Operator				· <u> </u>							8.	Lease Na	ame and V		).
	duction Cor	mpany						I		<del> </del>		1	Fe	deral 14	4-17-	9-19
3. Address								3a. Pho	one No. (in		•	9.	API Wel	I No.		
	s Drive Eas						and requir	amantal		183-004		ŀ		43-047-	37116	5
4. Location	oi weii (kep	он юсано	ins ciedi iv d	ana in acco	naunce wiin	reac	erarreguir	emenisj	•			10.	Field an	d Pool, or	Explo	ratory
At surface			SWS	W 17-T9	S-R19E 6	19' F	SL & 67	ı' FWI						River		
At top prod	. interval repo	orted belov	<sub>v</sub> sam	ne										, R., М., о от Агеа		c and <u>V 17-T9S-R19E</u>
	•													or Parish	<u> </u>	13. State
At total dep			sam					<del></del>	_			<u> </u>		intah		Utah
14. Date S	pudded		15. E	Date T.D. R				16. Dat	e Complete D & A	ed ☑ Rea	dy to Prod.	17.	Elevatio	ons (DF, R	KB, R	T, GL)*
	06/12/07	7			07/03/07					/08/08			GL	: 4749; F	KB:	4766
18. Total E	Depth: MI		12980 12980	19. P	lug Back T.		MD TVD				20. Depth I	Bridge I	Plug Set:	MD TVD	N.	
	lectric & Oth				t copy of eac	ch)				22. Was		_		Yes (Su		
	, <del>DN, IDL,</del>	,	DL, CCL,	<del>C</del> BL						İ	DST run?		] No 10 □	Yes (Su		
	ALCDI				77)		·			Dire	ctional	<u> </u>	1 1/10	Yes	Subm	it copy)
	and Liner Re						Stage Cer	menter	No. of	Sks. &	Slurry Vo	ol				
	Size/Grade	™Wt. (#/1	1.)	op (MD)	Bottom (N	AD)	Dep		Type of	Cement	(BBL)	i	Cement	1 1 op*	Aı	mount Pulled
	13 3/8 H40			0	ļ	40			ready mix		<b> </b>		Cire to		·	
12 1/4"	8 5/8 J-55	32#		0	3	506			626 sx Cla 480 sx Cla			-	Circ to	Suri		·
7 7/8"	4 1/2 P110	13.5#		0	12	965			630 sx Hi-				Inside S	urf Csg		··
									1855 sx 50	0/50 Poz	G					
24. Tubing		+ () (D)	ln. i n.		C:	Т	Daniel Car	(MD)	Danker Da	-th (MD)	C:-		I D.	L C - A / A / E	<u> </u>	-1-6-040
Size N/A	Depth Se	a (MD)	Packer De	pin (MD)	Size	$\dashv$	Depth Set	(MD)	Packer De	pai (MD)	Size	<u> </u>	Dept	h Set (ME	"   "	acker Set (MD)
	ing Intervals			L			26. Perfo	ration R	ecord		<u> </u>					
	Formation			Тор	Botton			forated 1	Interval		Size	No.	Holes		Perf.	Status
A)	Blackhaw Mesaverd	<del></del>		10911	12607		See Attacl	red	_			-		<del> </del>		
B) C)	Dark Cany			9344	9481									1		
D)	<u> </u>															
E)	racture, Trea	tmant Car	mant Sausa	za Eta	<u> </u>							<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
Z7. Acia, i	Depth Inter		nem Squee	ze, Etc.					Amount an	nd type of	Material					
·	See Attach						. 7									
								R	ECEI	<b>VED</b>						
	····				<del></del>		*							<del></del>		
							\$e		B 19	2008						
	tion - Interva			loa	IC	Wate	D	IX OF	DIL, GAS	DE LAURIUR	10	Decdus	tion Metho			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	BBL	1	Corr. Al		Gravity	G	rioduci	non mens	SU .		
	01/23/08	24	$\rightarrow$	0	1,807	<u> </u>	521							Flow	ing	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wate BBL		Oil Grav Corr. Al	-	Well Statu	s					
16/64	SI no tbg		<b>→</b>	0	1,807		521									
28a.										· · · · · · · · · · · · · · · · · · ·						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Wate BBL		Oil Grav Corr. Al	•	Gas Gravity		Product	tion Metho	od		
			<del>→</del>	~				L								
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Wate		Oil Grav	-	Well Statu	s					
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBI.		Corr. Al	1							

28b.	<b>.</b>	lu.	l <del>a</del>	lor	le le		long :	10.0:	To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	rval E	***************************************					······································	· · · · · · · · · · · · · · · · · · ·	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	- L	
29. Disp	osition of Gas	(Sold. used	for fuel. veni	ed. etc.)	I					
30 Sum	mary of Porou	is Zones (Inc	lude Agnifer	c).		Sold		[2] F	(I ) M - I	
Show tests, and r	v all importan including de ecoveries.	t zones of po pth interval t	prosity and coested, cushio	ntents ther	ne tool open,	intervals and all flowing and shut-	in pressures	31. Formatio	on (Log) Markers	Тор
For	mation	Тор	Bottom		Descri	ptions. Contents.	etc.		Name	Meas. Depth
Dark Co Mesave Castleg Blackha	erde ate awk	9,326 9,500 11,769 	11,769 11,988 TD	TD'd w	ithin Black	hawk				
32. Addi	tional remark	s (include pli	ugging proce	dure):						
1. E	e enclosed att lectrical/Mecl undry Notice	hanical Logs				. Geologic Report . Core Analysis	3. DS 7. Otl	T Report ner:	4. Directional Survey	
36. I here	by certify tha	t the foregoir	ng and attach	ed informa	tion is compl	ete and correct as	determined fron	n all available rec	ords (see attached instruct	ions)*
Name	(please print	) ATT	<u> </u>	Matt Ou	ens		Title		Operations Engin	eer I
Signa	ature	1090	pur	<u>ノ</u>			Date	2/1/0	08	
Title 191	ICC Continu	1001 and Ti	42 11 C C	Section 12	12			3 316 11 1		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Federal 14-17-9-19 Additional Information to Well Completion Report

27. Perforation Record

Perforated Interval	Size	No. Hole	Perf. Status
12604-07; 12545-48; 12486-89; 12236-46; 12163-66; 12100-03; 12074-77	0.38	60	Open
11858-66; 11757-60; 11726-28; 11712-14; 11640-42; 11622-24; 11465-68; 11260-62; 11229-32;			
11110-14; 11044-46; 10931-34; 10911-13	0.38	93	Open
9344-48; 9376-79; 9478-81	0.38	30	Open
	0.38		Open

28. Acid Fracture, Treatment, Cement Squeeze, Etc (continued)

Depth Interval	Amount and Type of Material
12486-12607	Linear gel fraced well_w/_18,600#_versaprop, 1,478 bbls-linear gel, and flushed with 185 bbls-2%-KCl
12074-12166	Hybrid fraced well w/11,500# 20/40 white, 120,000# 20/40 Tempered HS, 2,562 bbl BHT-1 gel, and flushed w/180 bbls 10# linear gel.
11622-11760	Hybrid fraced well w/#12,500, #149,500 Tempered HC, 2908 bbls BHT-1 gel and flushed w/171 bbls 10# linear gel
11229-11468	Hybrid fraced well w/ #12,000 20/40, #139,000 20/40 Tempered HC, 2,893 bbl 20# BHT-1 gel, and flushed w/167 bbl 10# linear gel
10911-11114	Hybrid fraced well w/ #16,000 20/40 white, #176,000 Tempered HC, 3,348 bbls BHT-1 gel, and flushed w/ 161 bbls #10 linear
9348-9481	Hybrid fraced Stg 6 w/ 90,000# 20-40 white sd, and 96,000# 20-40 SB Excell, using 2907 bbls 20# and 18# linear and XL BHT gel

### **GASCO Production Company**

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DIV. OF OIL, GAS & MINING

Lease: **Federal 14-17-9-19** Legal: SW SW Sec 17, T9S, R19 E

Uinta County, UT API: 43-047-37116

Drlg CWC: \$1,521,456

Battery and const est: CC 1,834,573

TOC inside surface csg.

### **Completion: Full Completion**

12/20/07 Ran DBL/VDL/CCL/ Gamma Ray log. Good to excellent bond across

pay. Found TOC inside surface csg.

12/30/07 MIRU B&C and psi test csg to 9500 psi, ok.

1/8/08 MIRU JW wireline. RIH w/ 3 1/8" scalloped guns to perf. Perf stage 1

Aberdeen, Kenilworth from 12,604-07, 12,545-48, 12,486-89. SDFD.

(JD) CC \$1,834,573

1/9/08 MIRU Superior ws to frac stage 1, **Kenilworth/Aberdeen**. -10 degree on loc. All chemicals tented and heated. Allmand heater on loc for well head.

Found 180 SICP after perf. Broke dn perfs @ 5680 w/4.3 bpm. Shut down, 4975 ISIP, .84 FG. Calculated holes open 18. Linear gel fraced well w/ #18,600 versaprop, 1,478 bbls linear gel, and flushed w/185 bbls 2% kcl. Dropped (20) 7/8" bio balls, 10 per stage in first 2 sand stages. Saw 0 ball action on first drop, excellent ball action in second drop. 6000 SICP, 4975 ISIP, .84 FG. RU and RIH w/ guns to perf Sunnyside "perf only" from 12,236-12,246". Open well up to fb @ 7:30 p.m. w/4400 FCP on a 12/64 ck. SWI @ 3:00 a.m. w/2500 FCP on a 14/64 ck. Made 675 bbls in 7 ½ hrs. TR 675 bbls, BLWTR 989 bbls. SDFN. (SCE,

JD)

1/10/08 SICP 2500. RIH w/plug and guns to perf stage 2 Dessert/Grassy from

12,163-66, 12,100-03, 12,074-77. Set FTFP #1 @ 12,186', and pressure test to #5000. Test good, perf and POOH. RU to frac. Broke dn perfs @ 5805 w/8 bpm. Shutdown to fix hoses. 4313 ISIP, .8 FG. Calculated holes open 11. Hybrid fraced well w/11,500# 20/40 white, 120,000# 20/40 Tempered HS, 2,562 bbl BHT-1 gel, and flushed w/180 bbls 10# linear gel. RU and RIH w/plug and guns to perf Castlegate "perf only" from 11,858-66. POOH. RIH plug and guns. Set FTFP #2 @ 11,774'.

Pressure test to 5400 psi, test good. **Perf Lower Mesaverde** from **11,757-60**, **11,726-28**, **11,712-14**, **11,640-42**, **11,622-24**. RU to frac. Broke dn perfs @ 5,922 w/4 bpm. Shutdown, 4277 ISIP, .8 FG. Calculated perfs open 13.6. **Hybrid fraced well w/#12,500**, #**149,500 Tempered HC**, **2908 bbls BHT-1 gel and flushed w/171 bbls 10# linear gel**. Shutdown. 4360 ISIP .82 FG. Opened up to fb @ 6:15 p.m. w/4000 FCP on a 12/64 ck. SWI 1/10/08 @ 3:00 a.m. w/3100 FCP on a 14/64 ck. Made 803 bbls in 8 hrs 45 min, TR 1,478 bbls, BLWTR 6080 bbls. SDFN (SCE, JD)

1/11/08

Fd SICP 3,600. RU, RIH w/ plug and guns. Set FTFP #3 @ 11,490', Press test to 4,600 psi and hold while perf. Perf stage 4 Lower Mesaverde from 11,465-68, 11,260-62, 11,229-32. POOH. RU to frac. Broke dn perfs w/ 6,790 @ 8 bpm. Shutdown, 4644 ISIP, .85 FG. Calculated holes 16 open. Hybrid fraced well w/ #12,000 20/40, #139,000 20/40 Tempered HC. 2,893 bbl 20# BHT-1 gel, and flushed w/167 bbl 10# linear gel. 4,734 ISIP, .86 FG. RU RIH w/plug and guns. Set FTFP #4 @ 11,176, Press test 5,600, test good. Perf stage stage 5 Lower Mesaverde from/ 11,110-14, 11,044-46, 10,931-34, 10,911-10,913. RU to frac. Broke dn perfs w/7250 @12 bpm. Hybrid fraced well w/ #16,000 20/40 white, #176,000 Tempered HC, 3,348 bbls BHT-1 gel, and flushed w/ 161 bbls #10 linear. Shutdown, 4,442 ISIP, .85 FG. RU RIH w/plug and guns to perf Stage 6 - Dark Canyon. Set 8k FTFP plug #5@ 9498'. Psi test to 1000 over SICP, ok. Perforate f/ 9344 – 48', 9376 – 79', 9478 – 81', 3 spf. Broke dn perfs @ 8200 psi @ 5 bpm. ISIP 3671. Calc 10 holes open / 27. Hybrid fraced Stg 6 w/ 90,000# 20-40 white sd, and 96,000# 20-40 SB Excell, using 2907 bbls 20# and 18# linear and XL BHT gel. Flushed well w/ 137.4 bbls. ISIP 3790. FG .85. Open well to FB @ 9:15 PM, on 12/64" ck, w/ 3600 SICP. 7:00 AM 1/11/08, Well flowing this AM w/ 3400 FCP, on 14/64" ck. Made 890 bbls in 9 3/4 hrs. TR 2368. BLWTR 14347. (SCE, JD) CC 2,295,488

- 1/12/08 Flowing back this AM w/ 2900 FCP , on 16/64" ck. Made 2318 BW in 24 hrs. TR 4686. BLWTR 12056.
- 1/13/08 Flowing back this AM w/ 2400 FCP, on 16/64" ck. Made 2138 BW in 24 hrs. TR 6824. BLWTR 9918. (SCE)
- 1/14/08 Flowing back this AM w/ 5400 FCP, on 16/64" ck. Made 1544 BW in 24 hrs. TR 8368. BLWTR 8374. (SCE)
- MI J&R crew to hook up wellhead and sand trap. Split flow @ 3:30 PM, 1/14/08, for first sales, with 10/64" ck at sep and 8/64" ck to FB tk. 3050 FCP. Made 1132 bbls in 24 hrs. TR 9500. BLWTR 7242. (SCE) Updated late costs CC \$2,332,102
- 2/2/08 Updated late costs : DC \$33,230 CC \$2,364,095

2/9/08

FD FCP 1,000 psi. MIRU IPS coil tbg. RIH w/3 ¾" Chomper bit+2 7/8" ECTD even wall motor+circ sub+jars. Tag FTFP #1 @ 9,496'. Drill up saw zero psi increase. RIH. Tag FTFP #2 @ 11,121'. Drill up, saw zero psi increase. Returns to pit died off, start pumping N2 @ 300 scf per min. Gained returns to pit again. RIH. Tag FTFP #3 @ 11,483' Drill on plug for 1 hr 45 min, did not make any hole. POOH to check motor and bit. Function test motor on surface and drive shaft was broken. RU 2 7/8" PDM motor and RIH. Lost time was 3 hrs. Tag FTFP #3 again @ 11,483. Drill up saw zero psi increase. RIH. Tag FTFP #4 @ 11,763'. Drill up and saw 200# psi increase. RIH. Tag FTFP #5 @ 12,164'. Drill up and saw 400# psi increase. RIH tag PBTD @ 12,747'. POOH 30' and circulate for 30 min. POOH. SDFD (JD) DC \$73,235 CC \$2,437,330

2/15/08

Updated late costs: (JD) DC \$6,800 CC \$2,444,130

3/12/08

**Installation of BJ Services CAP string.** RIH with injection mandrill, and 2205 duplex stainless steel tubing landed tubing @ 12580' displaced methanol in string w/ BJ Services chemical, began injection.(SD) DC \$18,588 CC \$2,462,718



## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

<b>SUNDRY</b>	<b>NOTICES</b>	<b>AND</b>	<b>REPORTS</b>	ON	WELLS

(	If Indian	A 11 - 44	T. L. Maria	
		J	J-16544	
5.	Lease Ser	rial No.		

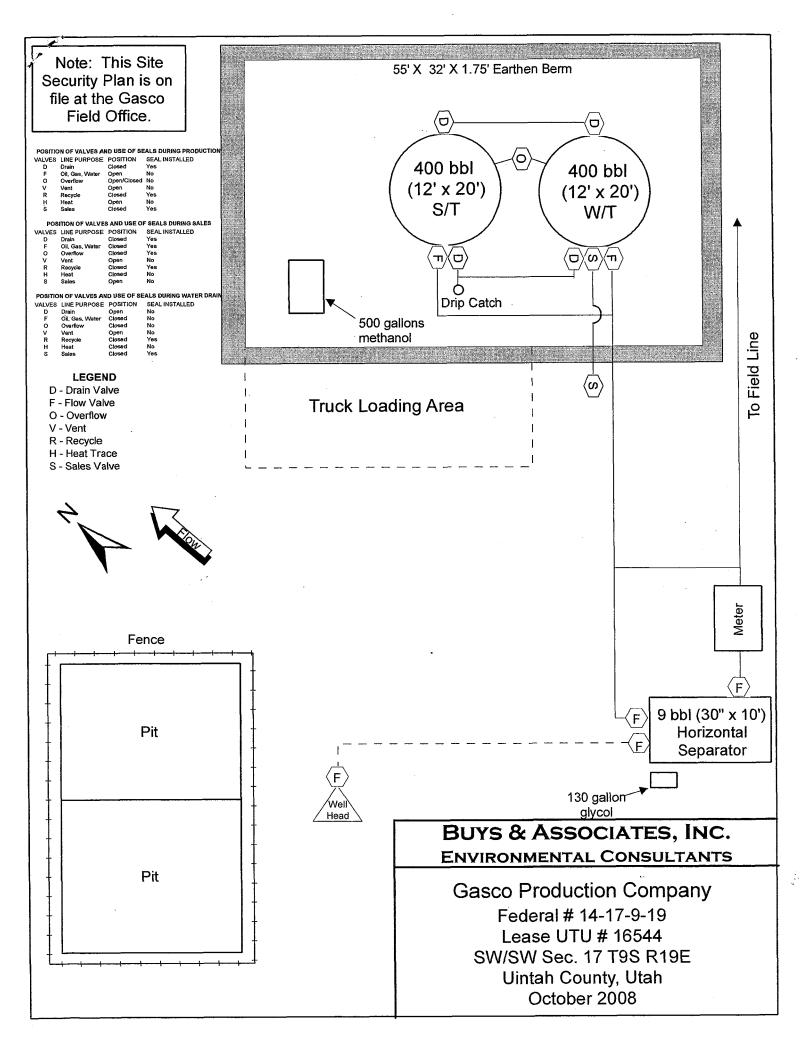
Do no aband	6. If Indian, Allottee, or Tribe Name NA				
	IPLICATE - Other Instru	ictions on reverse s	ide.	7. If Unit or CA.	Agreement Name and/or No.
1. Type of Well Oil Well X Gas Well	Other			8. Well Name an	NA d No.
2. Name of Operator					deral 14-17-9-19
Gasco Production Company				9. API Well No.	
3a. Address		3b. Phone No. (inch	ude area code)		43-047-37116
8 Inverness Drive East Ste 1		12 303-48	83-0044	10. Field and Po	ol, or Exploratory Area
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)				Riverbend
610' FCI & 6	571' FWL SW SW of S	action 17 TOS D10	E	<ol><li>County or Pa</li></ol>	rish, State
017 F3L & C	OFFWL SWSWUIS		E .	Uin	tah County, Utah
12. CHECK APPROP	PRIATE BOX(S) TO INDI	CATE NATURE OF	NOTICE, REPOR	RT, OR OTHE	R DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize	Deepen	Production ( S	start/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other
	Change Plans	Plug and abandon	Temporarily A	Abandon	Site Security
Final Abandonment Notice	Convert to Injection	Plug back	Water Dispose	al	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Please find attached a copy of the site security diagram for this well.

RECEIVED DEC 1 5 2008

		DIV OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct.		DIA OI CIL, CINO A MINIMO
Name (Printed/ Typed)		
	Title	
Jessica Berg		Production Clerk
Signature Signature	Date	
The the tent of tent of tent of the tent of the tent of the tent of tent of tent of tent of tent of te		December 11, 2008
THIS SPACE FOR FED	ERAL OR	STATE OFFICE USE
Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warra	int or	
certify that the applicant holds legal or equitable title to those rights in the subject		
	reon.	
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crit		
States any false, fictitiousor fraudulent statements or representations as to any matter	within its jurisd	iction.



	STATE OF UTAH		FORM 9
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-16544
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: FEDERAL 14-17-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY		9. API NUMBER: 43047371160000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		ONE NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0619 FSL 0671 FWL			COUNTY: UINTAH
Qtr/Qtr: SWSW Section: 17	IP, RANGE, MERIDIAN: 7 Township: 09.0S Range: 19.0E Meridiar	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:  1/7/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
1/7/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
Bute of Work completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	✓ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Gasco would like to state approved cor Range 4 west in Nor	dispose of water at Integrate mercial disposal facility loca th Blue Bench UT. This facilit proved disposal facilities tha water from this well.	ed Water management, LLC ited in Section 30, 2 south a would be used in addition to Gasco uses to dispose of items.	Accepted by the Utah Division of
NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	R TITLE EHS Supervisor	
SIGNATURE N/A	303 330 1003	DATE 12/30/2010	

Sundry Number: 50327 API Well Number: 43047371160000

			FORM 9
	STATE OF UTAH	250	1 511111 5
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: U-16544
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: FEDERAL 14-17-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COM	PANY		9. API NUMBER: 43047371160000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite	100 , Englewood, CO, 80112	<b>PHONE NUMBER:</b> 303 996-1805 Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0619 FSL 0671 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 17 Township: 09.0S Range: 19.0E Merio	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	✓ NEW CONSTRUCTION
3/3/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
Gasco Productio	COMPLETED OPERATIONS. Clearly show a n Company replaced a 400 k location.	obl water tank on this	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 24, 2014
NAME (PLEASE PRINT) Lindsey J. Cooke	<b>PHONE NUMB</b> 303 996-1834	Production Tech	
SIGNATURE N/A		<b>DATE</b> 4/24/2014	

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

4/16/2015

FORMER OPERATOR:	NEW OPERATOR:
Gasco Prodcution Company N2575	Badlands Production Company N4265
7979 E. Tufts Avenue, Suite 11500	7979 E. Tufts Avenue, Suite 11500
Denver, CO 80237	Denver, CO 80237
303-996-1805	303-996-1805
CA Number(s):	Unit(s):Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

#### **WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Туре	Status
See Attached List									

### **OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on:

6/2/2015

2. Sundry or legal documentation was received from the **NEW** operator on:

6/2/2015

3. New operator Division of Corporations Business Number:

1454161-0143

### **REVIEW:**

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

6/2/2015

2. Receipt of Acceptance of Drilling Procedures for APD on:

N/A

3. Reports current for Production/Disposition & Sundries:

6/3/2015

4. OPS/SI/TA well(s) reviewed for full cost bonding:

1/20/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

N/A

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

N/A

#### **NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:

SUR0027842

2. Indian well(s) covered by Bond Number:

N/A

3.State/fee well(s) covered by Bond Number(s):

SUR0027845

SUR0035619 -FCB

### **DATA ENTRY:**

1. Well(s) update in the <b>OGIS</b> on:	1/22/2016
2. Entity Number(s) updated in <b>OGIS</b> on:	1/22/2016
3. Unit(s) operator number update in <b>OGIS</b> on:	1/22/2016
4. Surface Facilities update in <b>OGIS</b> on:	N/A
5. State/Fee well(s) attached to bond(s) in <b>RBDMS</b> on:	1/22/2016
6. Surface Facilities update in <b>RBDMS</b> on:	N/A

### LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division

of their responsibility to notify all interest owners of this change on:

1/22/2016

### **COMMENTS:**

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

Effective Date: 4/16/2015		T	1-00			1	1		T
Well Name	Section	TWN	-	API Number	Entity	Mineral	Surface	Type	Status
FEDERAL 23-18G-9-19	18	090S		4304752496		Federal	Federal		APD
FEDERAL 14-17G-9-19	17	090S		4304752522		Federal	Federal		APD
FEDERAL 13-18G-9-19	18	090S		4304752538		Federal	Federal	_	APD
FEDERAL 23-29G-9-19	29	090S		4304752544		Federal	Federal	+	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	1	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070	•	Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	0908	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	0908	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	0908		4304753078	( mm)	Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	1	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S		4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S		4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S		4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	1	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	-	4304754481	-	State	State	GW	APD
State 413-32-9-19	32	090S	-	4304754482	1	State	State	GW	APD
State 323-32-9-19	32	090S	-	4304754483	<del> </del>	State	State	GW	APD
State 431-32-9-19	32	090S		4304754529	ļ	State	State	GW	APD
The state of the s				4304754541			-	-	-
Desert Spring State 224-36-9-18	36	090S			1	State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	-	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	0908		4304754543	10650	State	State	GW	APD
FEDERAL 332-30-9-19	30	0908		4304753012		Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S		4301333098	-	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S		4304736915	16556		Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S		4304738573		Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	-	4304739777		Federal	Federal	-	OPS
FEDERAL 12-17-9-19	17	090S	-	4304739800			Federal	+	OPS
GATE CYN 31-21-11-15	21	110S		4301332391	13787		State	GW	P
WILKIN RIDGE ST 12-32-10-17	32		-	4301332447		-	State		P
GATE CYN 41-20-11-15	20	110S	-	4301332475	-		State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	1008	-	4301332730	15243		State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S		4301332773		Federal	Federal	+ -	P
WILKIN RIDGE 32-08	8	110S	1	4301332778			Federal		P
GATE CYN ST 23-16-11-16	16	1105	-	4301332888			State	-	P
WILKIN RIDGE FED 24-20-10-17	20	100S				Federal	Federal		P
WILKIN RIDGE FED 32-20-10-17	20	100S	1	4301333087		Federal	Federal		P
WILKIN RIDGE FED 14-4-11-17	4	110S	-	4301333099	-		Federal	-	P
RYE PATCH FED 22-21	22	110S		4301333037		Federal	Federal		P
RYE PATCH FED 22-21 RYE PATCH FED 24-21	24	1105	+	4301333437		Federal	Federal	-	P
The second of th	2		1						P
SQUAW CROSSING U 5	-	1005	-	4304730129	16266		State	OW	-
RBU 5-11D	11	1008	_		9005	Federal	Federal		P
FEDERAL 7-25A	25	090S	INOF	4304730624	9030	Federal	Federal	UW	P

RBU 6-2D	2	100S	180E 4304731190   7075   State   State   OW   P	)
NGC 33-18J	18	090S	190E 4304731190 7073 State State OW P	
	2	100S	180E 4304731280 16267 State State OW P	
RBU 13-2D	3	<del></del>		
RBU 16-3D		1005		
RBU 10-11D	11	100S	180E 4304731357 7053 Federal Federal OW P	
RBU 8-10D	10	1008	180E 4304731364 4955 Federal Federal OW P	
RBU 15-3D	3	100S	180E 4304731539 9965 Federal Federal OW P	
RBU 12-12D	12	1008	180E 4304731651 10688 Federal Federal OW P	
RBU 2-10D	10	100S	180E 4304731801 10784 Federal Federal OW P	
RBU 3-15D	15	100S	180E 4304733600 13213 Federal Federal OW P	
RBU 3-12D	12	100S	180E 4304733739 14492 Federal Federal OW P	
STATE 7-36A	36	090S	180E 4304733741 14244 State State GW P	
FEDERAL 34-29	29	090S	190E 4304733750 13174 Federal Federal GW P	
FEDERAL 24-7 #1	7	100S	180E 4304733983   13182   Federal   Federal   GW   P	•
FEDERAL 23-29 #1	29	090S	190E 4304734111 13441 Federal Federal GW P	•
FED 24-20-9-19	20	090S	190E 4304734168 14150 Federal Federal GW P	•
FED 44-20-9-19	20	090S	190E 4304734169 14140 Federal Federal GW P	)
FED 23-21-9-19	21	090S	190E 4304734199 13601 Federal Federal GW P	•
FED 32-31-9-19	31	090S	190E 4304734201 13641 Federal Federal GW P	)
FED 42-29-9-19	29	090S	190E 4304734202 13455 Federal Federal GW P	)
PETES WASH 23-12 #1	12	100S	170E 4304734286 13492 Federal Federal GW P	)
STATE 4-32B	32	090S	190E 4304734314 14440 State State GW P	
FED 14-18-2 #1	18	100S	180E 4304734539 13491 Federal Federal GW P	
FED 43-24-3 #1	24	100S	170E 4304734551 13726 Federal Federal GW P	
LYTHAM FED 22-22-9-19	22	0908	190E 4304734607 13640 Federal Federal GW P	
FED 11-21-9-19	21	0908	190E 4304734608 14151 Federal Federal GW P	
FED 22-30-10-18	30	100S	180E 4304734924 14280 Federal Federal GW P	
FEDERAL 43-30-9-19	30	090S	190E 4304735343 14202 Federal Federal GW P	
FED 11-22-9-19	22	090S	190E 4304735404 14203 Federal Federal GW P	
FED 42-21-9-19	21	090S	190E 4304735405 14928 Federal Federal GW P	
	16			
STATE 24-16-9-19		0908		
FEDERAL 31-21-9-19	21	090S	190E 4304735606 14441 Federal Federal GW P	
FEDERAL 12-29-9-19	29	0908	190E 4304735614 14442 Federal Federal GW P	
FEDERAL 24-31-9-19	31	090S	190E 4304735623 14640 Federal Federal GW P	-
FEDERAL 41-31-9-19	31	0908	190E 4304735624 14419 Federal Federal GW P	
LAMB TRUST 24-22-9-19	22		190E 4304735732 14496 Fee Fee GW P	
LAMB TRUST 24-14-9-19	14		190E 4304735733 14519 Fee Fee GW P	
FEDERAL 11-22-10-18	22		180E 4304735808 15592 Federal Federal GW P	
FEDERAL 21-6-10-19	6	100S	190E 4304735844 14356 Federal Federal GW P	
DESERT SPRING ST 41-36-9-18	36	090S	180E 4304735845 14639 State State GW P	
STATE 12-32-9-19	32	0908	190E 4304735995 14871 State State GW P	
FEDERAL 12-20-9-19	20	090S	190E 4304736093   14976   Federal   Federal   GW   P	<b>)</b>
FEDERAL 32-20-9-19	20	090S	190E 4304736094 16120 Federal Federal GW P	
FEDERAL 23-30-9-19	30	090S	190E 4304736095   14872   Federal   Federal   GW   P	)
SHEEP WASH FED 34-26-9-18	26	090S	180E 4304736113   15096   Federal   Federal   GW   P	)
DESERT SPRING ST 23-36-9-18	36	090S	180E   4304736219   14738   State   State   GW   P	)
DESERT SPRING ST 21-36-9-18	36	090S	180E 4304736220 14763 State State GW P	)
DESERT SPRING ST 12-36-9-18	36	090S	180E 4304736233 14764 State State GW P	
DESERT SPRING ST 43-36-9-18	36	090S	180E 4304736241 14992 State State GW P	•
DESERT SPRING ST 34-36-9-18	36	090S	180E 4304736242 14716 State State GW P	)
FEDERAL 14-31-9-19	31	090S	190E 4304736271 15884 Federal Federal GW P	)
FEDERAL 12-31-9-19	31	090S	190E 4304736336 15086 Federal Federal GW P	
FEDERAL 21-31-9-19	31	0908	190E 4304736368 15605 Federal Federal GW P	
FEDERAL 23-31-9-19	31	0908	190E 4304736442 15715 Federal Federal GW P	
SHEEP WASH FED 43-25-9-18	25	090S	180E 4304736600 14977 Federal Federal GW P	
FEDERAL 43-19-9-19	19	090S	190E 4304736719 15186 Federal Federal GW P	
1 DDDIM1D 7J-17-7-17	17	10703	I TOUCH TOUT I TO I TOUCHAI   TOUCHAI   UW   F	

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

CHEED WASH DED OF O 10	- 105	0000	100E 4004504505	15675	P. 1 2	F. 2 1	CITY	D
SHEEP WASH FED 21-25-9-18	25	090S	180E 4304736727			Federal	GW	P
FEDERAL 21-30-9-19	30	0908	190E 4304736739		Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E 4304736740		Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E 4304736771		Federal			P
SHEEP WASH FED 41-25-9-18	25	090S	180E 4304736772		+	Federal	+	P
FEDERAL 41-30-9-19	30		190E 4304736817		<del></del>	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E 4304736913		+	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E 4304736916	<del></del>		Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E 4304737115	<del> </del>		State	GW	P
FEDERAL 14-17-9-19	17	0908	190E 4304737116		Federal	Federal	+	P
FEDERAL 34-18-9-19	18		190E 4304737117		Federal	Federal		P
UTELAND ST 41-2-10-18	2	100S	180E 4304737132	15087	-	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E 4304737338	-		State	GW	P
FEDERAL 41-19-9-19	19	0908			Federal	Federal	_	P
FEDERAL 32-30-9-19	30	0908	190E 4304737612		<del>                                     </del>	Federal		P
FEDERAL 12-30-9-19	30	0908	190E 4304737613	<del> </del>	+	Federal		P
FEDERAL 21-19-9-19	19		190E 4304737621		Federal		GW	P
FEDERAL 14-18-9-19	18	0908	190E 4304737622			Federal		P
FEDERAL 34-30-9-19	30	090S	190E 4304737630	<del> </del>		Federal		P
DESERT SPRING FED 21-1-10-18	1	1008	180E 4304737631			Federal	+	P
FEDERAL 12-1-10-18	1	1005	180E 4304737646		+	Federal	+	P
SHEEP WASH FED 14-25-9-18	25	090S	180E 4304737647	•	+	Federal	<del></del>	P
UTELAND ST 21-2-10-18	2	100S	180E 4304737676		<del></del>	State	GW	P
UTELAND ST 12-2-10-18	2	100S	<del></del>	15806		State	GW	P
UTELAND ST 34-2-10-18	2	1008		16868	<b>+</b>	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E 4304738336		+	Federal	+	P
FEDERAL 34-19-9-19	19	090S			Federal	Federal	_	P
SHEEP WASH FED 41-26-9-18	26	0908	<del></del>		Federal	Federal		P
SHEEP WASH FED 32-25-9-18	25	0908	180E 4304738352		Federal	Federal		P
SHEEP WASH FED 34-25-9-18	25 19	090S 090S			Federal	Federal Federal		P
FEDERAL 12-19-9-19	26	090S	190E 4304738407 180E 4304738465			Federal	GW	P
SHEEP WASH FED 23-26-9-18	25	0908	<del></del>		Federal Federal			P
SHEEP WASH FED 12-25-9-18	18	090S	190E 4304738575			Federal	GW	P
FEDERAL 23-18-9-19 LAMB TRUST 34-22A-9-19	22		190E 4304738573 190E 4304738673			Federal		P
UTELAND FED 42-11-10-18	11		180E 4304738896			Fee	GW	P
	32	090S	190E 4304739170		<del></del>			P
STATE 22 22A	32		190E 4304739170 190E 4304739171			State	GW	P
STATE 21-22A	32	0908	190E 4304739171 190E 4304739172			State	GW	P
STATE 21-32A	19	090S 090S	190E 4304739172 190E 4304739717			State Federal	GW	
FEDERAL 11-19-9-19 SHEEP WASH FED 31-25-9-18	25	_	180E 4304739717		<del></del>		_	P P
		0908				Federal	+	+
SHEEP WASH FED 11-25-9-18 DESERT SPG FED 41-1-10-18	25 1	090S 100S	180E 4304739730 180E 4304739773		Federal	Federal	<del> </del>	P
FED 32-19X-9-19(RIGSKID)	19	090S			Federal	Federal		P
FEDERAL 23-30G-9-19	30	090S			Federal	Federal Federal		P P
FEDERAL 23-30G-9-19 FEDERAL 34-19G-9-19	19	090S	190E 4304751281			Federal		P
FEDERAL 34-19G-9-19 FEDERAL 442-30-9-19	30	090S	190E 4304751281 190E 4304752870		<del>†</del>	Federal	<del> </del>	P
FEDERAL 333-30-9-19	30	090S	190E 4304752870 190E 4304752872			Federal		P
FEDERAL 423-30-9-19	30	090S	190E 4304752872 190E 4304753011			Federal		P
Desert Springs State 412-36-9-18	36	090S	180E 4304753324			State	GW	P
	36	090S	180E 4304753324 180E 4304753325		-		+	P
Desert Springs State 424-36-9-18 Desert Springs State 123-26-9-18	36	090S	· · · · · · · · · · · · · · · · · · ·		·	State	GW	P
Desert Spring State 133-36-9-18			180E 4304753326			State	GW	
Desert Spring State 142-36-9-18	36	0908	180E 4304753327			State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	0908	180E 4304753328			State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E 4301332677			State	GW	S
RBU 4-11D	11	100S	180E 4304730718	10209	rederal	Federal	UW	S

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	ow	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

ı	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76482		
SUNDRY	NOTICES AND REPORTS ON WE	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n drill horizontal la	wwwells, significantly deepen existing wells below current bottom-hole deerals. Use APPLICATION FOR PERMIT TO DRILL form for such propor	pth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: Desert Spring Fed 21-1-10-18
2. NAME OF OPERATOR:			9. API NUMBER: 4304737631
Gasco Production Compa		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
7979 E. Tufts Ave.	Denver STATE CO ZIP 80237	(303) 483-0044	Uteland Butte
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0633 F	NL 1512 FWL		соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	SE, MERIDIAN: NENW 1 10S 18E S		STATE: UTAH
11. CHECK APPE	OPRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		YPE OF ACTION	
Gasco Production Compar Production Company to Ba Gasco Production Compar 7979 E Tufts Ave, Suite 11	CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE  MPLETED OPERATIONS. Clearly show all pertinent details in any requests a change of operator on this well dlands Production Company, effective date	STRUCTION R CHANGE D ABANDON K HON (START/RESUME) TION OF WELL SITE ETE - DIFFERENT FORMATION RICHIDING dates, depths, volume I, in addition to the we	
Denver CO 80237 303-996-1805 Michael Decker, Exec. Vice	President & COO		"and from had how \$ 3. 5 hour lived"
Dadlanda Desdesation Occ			RECEIVED
Badlands Production Comp 7979 E Tufts Ave, Suite 11 Denver CO 80237			JUN <b>0 2</b> 2015
Michael Decker, Exec. Vice	President & COO	DIV.	OF OIL, GAS & MINING
NAME (PLEASE PRINT) Lindsey Co	oke nit	Engineering Tech	1
SIGNATURE AMBLI	COOKE DA	5/18/2015	
(This space for State use only)		AP	PROVED

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	1108	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	1108	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
<b>WILKIN RIDGE ST 34-16-10-17</b>	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	1108	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	1108	160E	4301332888	15098	State	State	GW	P
<b>WILKIN RIDGE FED 24-20-10-17</b>	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
<b>WILKIN RIDGE FED 32-20-10-17</b>	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	1108	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	1108	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	1008	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100\$	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	0908	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	1008	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	1008	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	1008	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	1008	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	1005	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090\$	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	0908	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	0908	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	0908	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19 FED 42-29-9-19	31 29	090S 090S	190E 190E	4304734201 4304734202	13641 13455	Federal Federal	Federal Federal	GW GW	P P
PETES WASH 23-12 #1			170E			Federal		GW	
	12 32	1008		4304734286	13492	State	Federal State		P P
STATE 4-32B		090\$	190E 180E	4304734314	14440			GW GW	
FED 14-18-2 #1	18	100S		4304734539	13491	Federal	Federal Federal		P
FED 43-24-3 #1 LYTHAM FED 22-22-9-19	24 22	100S 090S	170E 190E	4304734551 4304734607	13726 13640	Federal Federal	Federal	GW GW	P P
FED 11-21-9-19 FED 22-30-10-18	21 30	090S 100S	190E 180E	4304734608 4304734924	14151 14280	Federal Federal	Federal Federal	GW GW	P P
			190E		14202	Federal	Federal	GW	
FEDERAL 43-30-9-19	30	0908		4304735343					P P
FED 11-22-9-19 FED 42-21-9-19	22 21	090S 090S	190E 190E	4304735404 4304735405	14203 14928	Federal Federal	Federal Federal	GW GW	P P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	r P
31A1E 44-10-7-17	10	いろいろ	IYUE	4JU4/JJJ00	14419	SIMIC	reuerai	UW	Г

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FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
									P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	-
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090\$	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	0908	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
									P
FEDERAL 21-30-9-19	30	090\$	190E	4304736739	15476	Federal	Federal	GW	_
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090\$	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S		4304737613		Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E		16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19		090S	190E	4304737622	16264	Federal	Federal	GW	
	18					Federal			P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557		Federal	GW	P
DESERT SPRING FED 21-1-10-18		100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	0908	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	<b>Federal</b>	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	<b>Federal</b>	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
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LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	1005	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	0908	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	0908	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	0908	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	0908	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	0908	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	0908	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S